APPLICATIONS & SOLUTIONS SERIES:
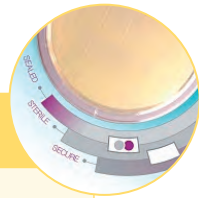
MICROBIOLOGY EDITION

fisher scientific
part of **Thermo Fisher Scientific**

Microbiology Workflow by Brand

Surface Sampling

- Contact plates
- Dip slides
- Swabs
- Triple wrapped irradiated plates

- Fisherbrand
- Greiner
- Sterilin
- Thermo Scientific
- Thermo Scientific Sterilin

Water and Product Sampling

- Dip slides
- Filtration system multibranch manifolds
- Filtration membranes
- Plastic labware
- Samplers
- Bottles
- Centrifuge tubes

- Bürkle
- Gosselin
- Labconco
- Sartorius
- Thermo Scientific
- Thermo Scientific Nalgene

Air Sampling

- Air samplers

- BD Difco*
- Fisherbrand
- Sartorius
- Thermo Scientific

Sample Preparation / Enrichment

- Enrichment broths : dehydrated, dry-bags, ready bags, bottles, tubes
- Balances
- Centrifuges
- Dilutors
- Glassware
- Label printers
- Membranes and filtration devices
- Petri dishes
- Stomacher/grinders
- Water baths
- Quickstart Sterilin
- Orina tubes
- Transfer pipettes

- Brady
- Falcon
- Fisher Scientific
- Fisherbrand
- GE Healthcare
- Gosselin
- Grant
- Kinematica
- Labconco
- Memmert
- Plas Lab
- Pyrex
- Retsch
- Sartorius
- Thermo Scientific Dry-Bags
- Thermo Scientific Sterilin
- Thermo Scientific
- Wheaton

Sterilisation/Destruction

- Autoclaves
- Autoclave bags
- Sterilisation indicators

- 3M
- Fisher Scientific
- Fisherbrand
- Thermo Scientific

* restricted access in some EU countries

Trademarks used are owned as indicated at www.fishersci.com/trademarks
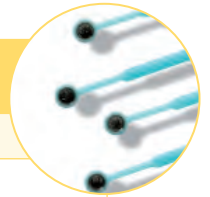
Inoculation / plating

- Culture media : dehydrated or ready
  plates, tubes, bottles, bags
- Bunsen burners
- Inoculating loops and spreaders
- Spiral platers
- Round bottom tubes

- Falcon
- Fisherbrand
- Gosselin
- Thermo Scientific Sterilin
- Thermo Scientific

Culture media QC

- ATCC strains

- Thermo Scientific Cultiloops
- Thermo Scientific Quanticult plus

Incubation

- Anaerobic jars and boxes
- Atmosphere generation sachets
- Microbiological incubators
- Shaker incubators

- Stuart
- Fisherbrand
- Grant
- Memmert
- Plas Labs
- Thermo Scientific
- Thermo Scientific AnaeroBox
- Thermo Scientific AnaeroJar
- Thermo Scientific AnaeroGen

Storage/Cryostorage

- Barcode readers
- Cryostorage systems
- Dewars
- Fridges / Freezers
- Storage consumables
  (microplates, cryotubes, boxes)
- Ultra-low temperature freezers

- Brady
- Corning
- Fisherbrand
- Liebherr
- Statebourne Cryogenics
- Tenak
- Thermo Scientific

Counting

- Cell density meters
- Colony and cell counters
- Slides and coverslips
- Spectrophotometers
- Stereomicroscopes

- Stuart, Jenway
- Carl Zeiss
- Fisher Scientific
- Fisherbrand
- Invitrogen
- Motic
- Schott
- Thermo Scientific
- UVP

Proteomic Studies

Identification/Staining

- Agglutination latex kits
- Identification panels
- Discs and strips for
  MIC
- Microbiological stains
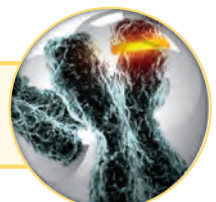- Microscopes
- Slides and cover slips

- Acros
- Brady
- Carl Zeiss
- Fisherbrand
- Pro-Lab Diagnostics
- Thermo Scientific
- Thermo Scientific RapID
- Thermo Scientific
  DrySpot

Genomic Studies

Workflow Index

Incubation and media

Counting and identification

Storage

Sterilisation

Safety

Alphabetical Index

Results count in microbiology

Count on Fisher Scientific for everything you need to generate reproducible, reliable results every time

- Choice of brands from hundreds of trusted manufacturers… ensuring your work is always of the highest quality

- Convenient, one-source access to thousands of items… letting you focus on your work, not paperwork

- A full suite of products to automate otherwise time-consuming steps in your microbiology workflow such as plating, diluting and counting

- Easy ordering and expedient delivery… assuring you get what you need when you need it

- Tailored end-to-end portfolio … helping you achieve long-term savings

- Services that can streamline your business processes … reducing your operating costs

- Laboratory safety and personal protection equipment to minimise the risk of work injury

Sampling

STERILIN™ DIPPA SAMPLING DIPPERS

thermoscientific

• Sterile by irradiation
• Individually wrapped
• Polystyrene with metal caps

Cat. No	Product type	Capacity, mL	Handle length, mm	Pack qty
11729352	Sample dippers, clear	30	200	50
11738938	Sample dippers, blue	30	200	50
11788848	Sample dippers, clear	100	385	100
11798848	Sample dippers, blue	100	385	100
11748938	Sample dippers, clear	250	330	50
11758938	Sample dippers, blue	250	330	50

SWABS, STERILE

COPAN

• Sterile swabs within translucent polyethylene tube
• Includes returning stopper
• Colour-coded to indicate nature of handle and tip
• Sterile

Cat. No	Length, mm	Colour Code	Tip	Handle	Pack qty
11705779	160	Red	Cotton	Wood	100
11795769	160	White	Rayon	Plastic	100

STERILE SAMPLE BAGS

fisherbrand

• Ideal for use in the laboratory to carry samples into a sterile environment
• Made from heavy gauge, virgin polyethylene that meets FDA specifications
• Can accommodate solid, semi-solid and liquid materials
• With writing patch and round wire closures
• Easy to use, just insert sample and seal by twirling the bag away from you four times and bending wire ends inward
• Available in a variety of sizes in the wider product portfolio

Cat. No	Capacity, mL	Pack qty
11944405	60	500
11954385	120	500

OXOID™ CONTACT AND CULTURE PLATES

thermoscientific

• A specially selected range of popular, pre-poured contact and culture plates for microbiological sampling applications
• Renowned and trusted Oxoid™ quality and consistency
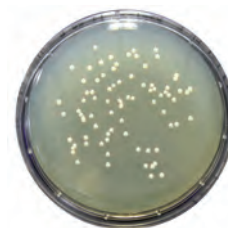
Cat. No	Alt. No	Product type	Format	Pack qty
11993752	PO0193C	TSA	55mm contact plate	2x10
15466030	PO5510D	TSA	55mm contact plate, sterile triple wrapped	10x10
15476030	PO5511D	TSA with lecithin, Polysorbate 80, sodium thiosulphate, L-histidine	55mm contact plate, sterile triple wrapped	10x10
11913732	PO0262D	TSA specialist pharmaceutical irradiated media	55mm contact plate, sterile triple wrapped	10
11934172	PO5024C	TSA with disinhibitor	55mm culture plate	2x10
10516013	PO5172C	TSA with disinhibitor 'Plus'	55mm contact plate	2x10
15426030	PO5500B	TSA	90mm culture plate, triple wrapped	10x10
15436030	PO5501B	TSA with lecithin, Polysorbate 80, sodium thiosulphate, L-histidine	90mm culture plate, triple wrapped	10x10
13245599	PO5184C	Violet red bile lactose agar	55mm contact plate	2
13285609	PO5102C	Violet red bile glucose agar	55mm contact plate	2x10
15625427	EM2000A	Plate applicator	-	1

OXOID™ DIP-SLIDES™

thermoscientific

• Make colony counting simple for aerobic bacteria, yeast, moulds, coliform bacteria and Enterobacteriaceae with Oxoid™ Dip-Slides™
• Slides are pre-coated on each side with culture media, with the opportunity for each side to be the same, or different for speed and economy of use
• Made from disposable plastic with raised edges to ensure an even thickness of medium
• Moulded grids allows for easier colony counting
• Slide is shaped to ensure drainage of fluid
• Cap forms a convenient handle to eliminate risk of actually touching the culture medium
• Bacteria, fungal and yeast identification charts are included

Cat. No	Alt. No	Product type	Pack qty
11463959	DS0168A	Plate count agar/Violet red bile glucose agar	10
11483959	DS0170A	Plate count agar/OGYE agar	10
11423959	DS0147A	TTC (red spot)	10
11433959	DS0155A	TTC (red spot)/Malt extract agar	10

OXOID™ AIR SAMPLERS

*thermo*scientific

- Portable, hand-held air samplers for environmental monitoring in pharmaceutical and food production areas or clinical settings
- User friendly, programmable operation
- Rechargeable battery
- 100% sampling efficiency for 0.8 to 19.0 micron particle size
- Choice of sampling head size for direct application to contact media plates
- Supplied in a carrying case
- NIST calibration certificate, manual, warranty and battery charger also supplied

Cat. No	Alt. No	Product type	Pack qty
13276229	EM0100S	Air sampler with stainless steel head for 55mm plates	1
13236219	EM0355S	Air sampler with stainless steel head for 90mm plates	1

Sample preparation and processing

ACCU20 ULTRAPURE WATER SYSTEMS

fisherbrand

- This compact system provides an easy way to produce ultrapure water or RO water on demand from tap water directly with no additional pre-treatment filters
- The system is equipped with a safeguard ACCUDuo 'P' pack cartridge and a dual-column ACCUDuo 'U' pack ultrapurification cartridge to ensure optimum quality of the final product water
- No external storage tank is required, which eliminates the risk of water degradation by contaminants from the container or the tubing
- The fully automatic controlled and maintained system contains automatic cleaning cycles and self-maintenance functions for the RO membrane, which increases the lifetime and efficiency of the RO membranes as well as the cartridges
- Automatic hourly system recirculation in the loop prevents bacterial growth and maintains water purity at all times
- System status and key quality parameters are clearly displayed on large LCD screen for easy system performance monitoring
- Warranty: two years (water system only)

Cat. No	Product type	Pack qty
Water systems		
15489689	ACCU20 Ultrapure water system	1
15499689	ACCU20 UV Ultrapure water system	1
Consumables		
15449719	ACCUDuo P pack cartridge	1
15489729	ACCUDuo U pack cartridge	1
15499729	ACCUDuo U pack cartridge with a 0.2μm PES capsule filter	1
15409739	ACCUDuo U pack cartridge (low TOC)	1
15449669	Reverse osmosis membrane with housing	1
15469689	185/254nm dual-wavelength UV lamp	1

SMART2PURE™ WATER PURIFICATION SYSTEMS

*thermo*scientific

- Compact systems which converts tap water into both ASTM Type 1 and Type 2 water
- Powerful performance with a choice of models with outputs of 3L/hr, 6L/hr or 12L/hr in the full product portfolio
- Water purification progresses through replaceable cartridges with quick connects for fast exchange
- Easy dispensing with variable speed to control flow
- Display can be tilted for optimal reading
- Optional UV bulb and UF ultrafilter to customise ultrapure water
- Position either on the laboratory bench or mount on the wall
- Integrated 6L reservoir in the Smart2Pure™ 3 and 6 models
- Conical bottom outlet allows for complete draining and efficient cleaning and disinfection

Cat. No	Product type	Pack qty
11337021	Smart2Pure 3L/hr, with UV oxidation, ultrafiltration membrane and 6L integrated tank	1
13237449	Smart2Pure 6L/hr, with UV oxidation, ultrafiltration membrane and 6L integrated tank	1
11327151	Pre-treatment assembly, complete with a 5μm filter with activated carbon cartridge and a hardness stabiliser cartridge	1

WASH BOTTLES, BASIC, NARROW NECK LDPE

fisherbrand

- Basic washbottles for general use
- Translucent LDPE with one-piece polypropylene screw cap and nozzle
- Precision acute angled dispensing jet
- Good chemical resistance
- Tip may be cut back to increase flow

Cat. No	Capacity, mL	Pack qty
11532463	250	6
11542463	500	6
11938485	1000	4

SYRINGE FILTERS

fisherbrand

- For high sample throughput
- Sterile and non-sterile options
- Polypropylene housing is strong and chemically resistant
- Suitable for a broad range of applications

Cat. No	Sterile	Membrane material	Diameter, mm	Pore size, µm	Pack qty
15181489	No	Hydrophilic PTFE	25	0.2	50
15101499	No	Hydrophilic PTFE	25	0.45	50
15181499	Yes	PVDF	33	0.2	50
15191499	Yes	PVDF	33	0.45	50
15161499	No	PTFE	13	0.2	100
15171499	No	PTFE	13	0.45	100
15141499	No	PTFE	25	0.2	50
15151499	No	PTFE	25	0.45	50
15206869	Yes	PES	33	0.2	50
15216869	Yes	PES	33	0.45	50
15121499	No	Nylon	25	0.2	50
15131499	No	Nylon	25	0.45	50

GLASS MICROFIBRE FILTERS MF 200

fisherbrand

- High loading capacity
- Made from 100% borosilicate glass
- Compatible with many solvents and reagents
- Contain no binder
- Not affected by humidity
- Suitable for use at and up to 500°C
- Mainly used for water analysis, suspended solids in natural, industrial and potable waters

Cat. No	Product type	Pack qty
11532083	MF 200 filter paper, 70mm diameter	100
11724083	MF 200 filter paper, 110mm diameter	100
11734083	MF 200 filter paper, 125mm diameter	100
11744083	MF 200 filter paper, 150mm diameter	100

MIXED CELLULOSE ESTER MEMBRANES

Distributor
GE Healthcare

- Hydrophilic filtration membranes recommended for the majority of routine applications
- Gridded surface (with 3.1mm intervals) make filters ideal for colony counting after incubation
- Special non-toxic ink used is completely free from bacterial growth inhibitors
- Manufactured under strictly controlled cleanroom conditions
- Sterile

Cat. No	Product type	Diameter, mm	Pore size, µm	Grid colour	Pack qty
11345374	Grade ME24	47	0.2	Black	100
11345384	Grade ME25	47	0.45	Black	100

CELL STRAINERS

fisherbrand

- Sterile, rapid, easy to use devices for isolating primary cells to consistently obtain a uniform single-cell suspension from tissues
- Polypropylene frame with nylon mesh
- Sterile
- Individually packed
- Fits 50mL conical tubes

Cell strainers are made of a strong nylon mesh available in three mesh sizes, 40µm, 70µm and 100µm, for optimal performance in a variety of applications including stem cells and primary cells. Fisherbrand cell strainers provide a fast, simple alternative to gauze filtration when dissociating cells from clumps or primary tissues.

Cat. No	Product type	Pack qty
11587522	40µm	50
11597522	70µm	50
11517532	100µm	50

ACURA™ MANUAL 810 DILUTION MICROPIPETTES

SOCOREX SWISS

- Air displacement pipettes with two pre-calibrated fixed volumes of 1mL and 1mL, with no adjustment required
- Use as an alternative to graduated glass pipettes when performing serial 1:10 dilutions in bacteriology
- Effortless ergonomic operation and handling
- Interchangeable PE filter
- Adjustable mechanism for ejection of straws
- Easy maintenance, cleaning and disinfection
- Autoclavable without dismantling at 121°C

Cat. No	Product type	Pack qty
10337803	Acura Micropipette 810, for dilution	1
Accessories		
11746427	Polypropylene straw pipette tips, 1.1mL sterile length 190mm	1000
11857271	Polyethylene nozzle protection filters	100

ACURA™ MANUAL 835 MACROPIPETTES

SOCOREX SWISS

- Simple and reliable volume adjustment with ergonomic single handed operation
- Ideal for environmental field analysis or for use in the laboratory for clinical chemistry and cell culture
- Excellent long-term performance
- Interchangeable protection filters
- Adjustable tip ejector system
- Swift-set user calibration system
- Shock, UV and autoclave resistance
- Adapter available for use with Pasteur pipettes
- Three years warranty

Cat. No	Product type	Pack qty
10521452	Acura™ manual 835 macropipette 0.5mL to 5mL	1
Accessories		
10083582	Adapter for Socorex™ macropipettes 0.5-5mL	1

PASTEUR PIPETTES, SODA LIME GLASS *fisherbrand*

Soda lime glass open point pipettes

Cat. No	Product type	Length, mm	Inner pack qty	Pack qty
11506973	Plugged	150	250	1000
11546963	Unplugged	150	250	1000
11765098	Plugged	230	250	1000
11566963	Unplugged	230	250	1000

TRANSFER PIPETTES, POLYETHYLENE *fisherbrand*

- Low density polyethylene
- Transparent
- Graduated or non-graduated
- Sterile options available
- Various packaging formats

Cat. No	Product type	Sterile	Length, mm	Drop volume, µL	Drop per mL	Pack qty
13469118	Transfer pipette PE, 1mL	No	104	33	30	400
13489108	Transfer pipette PE, 1mL, graduated	Yes	150	33	30	500
13499108	Transfer pipette PE, 1mL, graduated	No	150	33	30	500
13439118	Transfer pipette PE, 1mL, graduated, extended tip	No	150	33	30	500
13429118	Transfer pipette PE, 1mL, graduated, inner pack of 20	Yes	150	33	30	500
13419118	Transfer pipette PE, 1mL, graduated, inner pack of 10	Yes	150	33	30	500
13469108	Transfer pipette PE, 3mL, graduated	Yes	155	40	25	500
13439108	Transfer pipette PE, 3mL, graduated	No	155	40	25	500
13409118	Transfer pipette PE, 3mL, graduated, inner pack of 20	Yes	155	40	25	500
13479108	Transfer pipette PE, 3mL, graduated, inner pack of 10	Yes	155	40	25	500
13459108	Transfer pipette PE, 4mL	No	150	33	50	500
13459118	Transfer pipette PE, 4mL, thin stem	No	150	33	30	500
13449108	Transfer pipette PE, 7mL, extra long	No	300	50	20	100
13449118	Transfer pipette PE, 10mL, jumbo	No	170	56	18	200

S-BLENDER-1 HOMOGENISERS

- The Gosselin S-Blender-1 is a high performance benchtop blender ideal for microbiological sample preparation
- Suitable for a range of bagged sample volumes between 50 and 400mL
- Can be used for a range of sample types including food, agricultural, chemical and cosmetic
- Easy to use, with programmable speed and time and clear digital display
- East to clean with removable and autoclavable components
- Low noise levels (51dbA)

Cat. No	Product type	Pack qty
15589783	Gosselin™ S-Blender-1	1

S-DILUTER-1 SAMPLE DILUTERS

- The Gosselin S-Diluter-1 is an automated sample diluter suitable for the dilution of a range of sample sizes from 50mL to 400mL
- Provides quick and accurate dilution of many sample types including food, agricultural, chemical, and cosmetic samples
- Helps to secure and standardise dilution operations
- Reduces the risk of contamination
- Easy to use and clean, with LCD touchscreen operation

Cat. No	Product type	Pack qty
15599783	Gosselin™ S-Diluter-1	1

GOSSELIN™ BLENDER BAGS, STERILE POLYETHYLENE

- For suspension sampling with pipettes
- With non-woven lateral or full filters (51µm) for stronger filtration power
- With lot number on each filter bag
- Sterile to SAL 10^{-3}
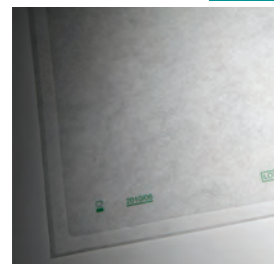
Cat. No	Product type	Dimensions (l x w), mm	Capacity, mL	Pack qty
11777919	Full filter	190 x 300	400	1500
11787919	Side filter	190 x 300	400	1500

BLENDER BAGS, STERILE POLYETHYLENE *fisherbrand*

- For all types of Stomacher machines and other paddle blenders
- Sterile by irradiation with peel away sterilisation certificate
- Model 400 bags available in a range of different sleeve/pack sizes, with full or side filter, with 50mm white writing strip along one long edge
- 70µm thickness

Cat. No	Product type	Dimensions (l x w), mm	Sleeve qty	Blender model	Pack qty
11815390	Plain	150 x 105	25	Model 80	4500
12682255	Plain	300 x 180	25	Model 400	2500
11867313	Full size filter	300 x 180	25	Model 400	1500
11857403	Side filter	300 x 180	25	Model 400	1500
Accessory					
11522882	Clip for bags	-	-	All	200

HOMOGENISERS, 150 WATT HAND-HELD

fisherbrand

- The Fisherbrand 150 watt hand-held homogeniser is a high performance, lightweight tissue homogeniser designed to process samples reliably, quickly and efficiently.
- Designed for comfortable hand-held use, but can also be mounted to a motor stand for lengthier processing
- Interchangeable quick connect rotor stator generator probes provide flexibility to process samples from 200µL to 100mL
- Stainless steel probes (5mm to 10mm diameter) are designed for long life and are easy to disassemble for cleaning
- Plastic probes virtually eliminate risk of cross contamination and carryover between samples, and can be cleaned for reuse in most cases
- Speed: variable from 5000 to 35000rpm
- Power: 150W max

Cat. No	Product type	Pack qty
15585809	Fisherbrand 150 handheld homogeniser package 220V EU cord, 150W, includes stand clamp, stand assembly and 5, 7, 10mm probes	1
15595809	Fisherbrand 150 handheld homogeniser package 220V UK cord, 150W, includes stand clamp, stand assembly and 5, 7, 10mm probes	1
Accessories		
15575819	Plastic generator probes 7 x 110mm, compatible with 150 homogeniser	25
15585819	Plastic generator probes 7 x 110mm, compatible with 150 homogeniser	50
15505829	Stainless steel probe, 10 x 115mm, wide window, compatible with 150 and 850 homogenisers	1
15545819	Stainless steel probe, 5 x 75mm, compatible with 150 and 850 homogenisers	1
15555819	Stainless steel probe, 7 x 115mm, fine window, compatible with 150 and 850 homogenisers	1
15565819	Stainless steel probe, 7 x 115mm, wide window, compatible with 150 and 850 homogenisers	1

MIXER MILLS, MM 400

Retsch
Solutions in Milling & Sieving

- Compact versatile bench-top unit
- Programmable operation
- Designed specially for dry, wet and cryogenic grinding of small amounts of sample to 50mL
- Powerful and quick grinding down to the nano range in only a few seconds
- Ideal for the disruption of biological cells and tissues including isolation of bacteria
- Also ideal for a wider range of other sample types such as seeds and plant materials, paints and pigments, ores and minerals, soils, clays and sludges
- Wide range of accessories including screw top grinding jars for leak-proof grinding, plus PTFE adapters for 0.2mL to 50mL single-use vials for cell disruption and DNA/RNA extraction

Cat. No	Product type	Pack qty
10573034	MM 400 mixer mill, 100-240V 50/60Hz, bench-top unit	1
Accessories		
15370964	Stainless steel grinding jar, 50mL, screw top design	1
10777821	Stainless steel grinding balls, 20mm diameter	1 pack
10122852	PTFE adapter rack for 1.5mL and 2.0mL reaction vials	1
10267334	Safe-Lock reaction vials, 2.0mL	1000
11746175	Glass beads for reaction vials, 0.5-0.75mm diameter	500g

SONIC DISMEMBRATORS

fisherbrand

Four models available:
- Model 50 Sonic Dismembrator: processes 0.2 to 50mL, 50 watts, continuous or remote operation, (footswitch optional) lightweight converter (340g) for hand-held operation
- Model 120 Sonic Dismembrator: processes 0.2 to 50mL, 120 watts, programmable from 1 second to 10 hours, overload protection, pulse mode (1 to 59 seconds), energy display (watts and Joules), lightweight converter (340g) for hand-held operation
- Model 505 Sonic Dismembrator: processes 0.5 to 500mL, 500 watts, programmable from 1 second to 10 hours, overload protection, pulse mode (1 to 59 seconds), energy display (watts and Joules)
- Model 705 Sonic Dismembrator: processes 0.2 to 1000mL, 700 watts, touch screen display, programmable from 1 second to 99 hours, save up to 10 different programs, overload protection, pulse mode (1 second to 24 hours), energy display (real-time watts and cumulative Joules), temperature monitoring (requires optional temperature probe), full amplitude control from 1 to 100%
- Applications include: cell disruption, homogenisation, DNA shearing, nanoparticle dispersion, protein extraction, sonochemistry, soil extraction, mixing
- Warranty: two years

Cat. No	Product type	Pack qty
12961151	Model 50: includes generator, converter, 3mm probe, cables, wrench set, manual, 230V, 50/60Hz, 203mm x 190mm x 152mm (w x l x h)	1
12337338	Model 120: includes generator, converter, 3mm probe, cables, wrench set, manual, 230V, 50/60Hz, 203mm x 330mm x 152mm (w x l x h)	1
12893543	Model 505: includes generator, converter, 13mm probe, cables, wrench set, manual, 230V, 50/60Hz, 203mm x 387mm x 216mm (w x l x h)	1
12931151	Model 705: includes generator, converter, 13mm probe, cables, wrench set, manual, 230V, 50/60Hz, 203mm x 387mm x 216mm (w x l x h)	1

ISOTEMP™ GENERAL PURPOSE WATER BATHS

fisherbrand

- A range of general purpose water baths
- Designed to provide consistent temperature for reliable results
- Easy-to-use operation
- Minimal footprint
- Temperature range from ambient to 99.9°C
- Temperature stability ±0.1°C and temperature uniformity ±0.05°C at 37°C
- Bright LCD controller with icon driven menu
- Stores three preset temperatures
- Automatic timer with option to set time to start procedure
- Global voltage - baths work anywhere in the world
- Audible alarms help protect your work
- Clear polycarbonate gabled lid included

Cat. No	Product type	Pack qty
15355877	General purpose water bath 2L	1
15365877	General purpose water bath 2L shallow	1
15375877	General purpose water bath 5L	1
15385877	General purpose water bath 10L	1
15315887	Dual general purpose water bath 5L and 10L	1
15395877	General purpose water bath 20L	1
15305887	General purpose water bath 28L	1

ISOTEMP™ SHAKING WATER BATHS

fisherbrand

- Intuitive digital control and easy to use
- Easy cleaning and maintenance with coil-free design
- Optimise scheduling with auto-on and auto-off timers
- Help prevent bath overheating and damage with low-fluid protection
- Conveniently save commonly used settings with four temperature and shaking speed presets
- Help protect your work with audible alarms
- Easily operate and monitor with icon-based graphical display
- Accommodate taller labware with new hinged lid and extended height
- Features next-generation shaker motor
- Baths come with stainless steel gable cover and shaking tray

Cat. No	Product type	Pack qty
15325887	Shaking water bath 15L	1
15335887	Shaking water bath 27L	1

PRECISION™ COLIFORM WATER BATHS

thermoscientific

- Baths designed specifically for faecal coliform work
- Baths are preset to optimal temperatures of 35.0, 41.5, 44.5 and 45.5°C
- Outstanding temperature uniformity with perimeter-directed water flow
- Auto-on and auto-off timers
- Help prevent bath overheating with low-fluid protection
- Easy to operate and monitor with icon-based graphical display
- Accommodates taller labware
- Audible alarm protection systems
- Easily to clean and maintain with coil-free design
- Outstanding chemical and corrosion resistance
- Epoxy powder-coated exterior with seamless stainless-steel interior
- Stainless-steel gable cover

Cat. No	Product type	Pack qty
15305877	Precision COL 19L capacity water bath	1
15315877	Precision COL 35L capacity water bath	1

PRECISION™ CIRCULATING WATER BATHS

thermoscientific

- Precision™ circulating water baths are ideal when temperature control is particularly critical, such as when working with enzymes and in serological applications
- Features advanced temperature controller and perimeter-directed water flow for enhanced temperature uniformity
- Easy to operate and monitor with icon-based graphical display
- Overheating and low-fluid protection with audible alarms
- Auto-on and auto-off timers
- Accommodates taller labware
- Easy to clean and maintain bath with coil-free internal design
- Includes removable stainless steel gable cover and diffuser tray

Cat. No	Product type	Pack qty
15345867	Precision CIR 35L capacity circulating bath	1
15355867	Precision CIR 89L capacity circulating bath	1

ISOTEMP™ AND PRECISION™ BATH ACCESSORIES

fisherbrand

- A range of accessories for Isotemp™ and Precision™ baths for even more operational versatility
- Please note that each rack, clip or tray also requires one clip fastener

Cat. No	Product type	Pack qty
15305917	Microfuge tubes rack 60 x 0.5mL for shaking baths	1
15315917	Microfuge tubes rack 30 x 1.5mL for shaking baths	1
15355927	Water regulation kit for use with shaking baths	1
15325917	Test tube tray, for ten 13 to 25mm tubes	1
15335917	Flask tray 25mL	1
15345917	Flask tray 50mL	1
15325927	High wall tray - small	1
15335927	High wall tray - large	1
15355917	Test tube clip for 13mm to 25mm tray	1
15365917	Flask clip - 25mL	1
15375917	Flask clip - 50mL	1
15385917	Flask clip - 125mL	1
15395917	Flask clip - 250mL	1
15305927	Flask clip - 500mL	1
15315927	Flask clip - 1000mL	1
15345927	Clip fasteners	25

WATER BATHS, WNE 'EXCELLENT' SERIES

memmert
Experts in Thermostatics

- Corrosion-resistant stainless steel construction
- State of the art microprocessor technology including electronic overtemperature control and a wide range of visual and acoustic safety signals
- Digital display
- Temperature range up to +95°C
- Models available in a range of capacities
- Easily cleanable

Cat. No	Product type	Pack qty
10778873	Excellent waterbath WNE7 7L capacity	1
10024092	Excellent waterbath WNE10 10L capacity	1
10633913	Excellent waterbath WNE14 14L capacity	1
10195892	Excellent waterbath WNE22 22L capacity	1
10544463	Excellent waterbath WNE29 29L capacity	1
10105282	Excellent waterbath WNE45 45L capacity	1

MINI CENTRIFUGES

fisherbrand

- Compact centrifuges, ideal for most protocols requiring fast spins and quick spindowns
- Small footprint and quiet operation
- UV resistant housing
- SnapSpin™ rotors for quick and easy change
- Compact ergonomic design and footprint
- Max speed 6000rpm/2000xg
- Weighted rubberised base eliminates potential movement and further dampens any noise output
- One year warranty

Cat. No	Product type	Pack qty
15358266	Mini centrifuge, includes rotors, tube rack, storage case, O-rings, tube adapters and low voltage, double insulated power adapter with four interchangeable plugs	1

MICROCENTRIFUGES, ACCUSPIN™ MICRO 17 AND 17R

fisherbrand

- Compact, economical high-speed microcentrifuges ideal for nucleic acid research and other microlitre volume separations
- Ventilated or refrigerated models available
- Easy-to-use controls with digital display
- Capacity: 48mL (24 x 1.5/2mL tubes)
- Maximum speed/RCF: 13300rpm/17000xg
- Adjustable 99 minute timer and quick-spin feature for short runs
- Temperature range (17R model) -9°C to +40°C
- Supplied with rotor and biocontainment lid

Cat. No	Product type	Pack qty
11516873	Microcentrifuge Micro 17, ventilated	1
11526873	Microcentrifuge Micro 17R, refrigerated	1

MICROCENTRIFUGE TUBES, GRADUATED LOW-BINDING

fisherbrand

- Flat cap
- DNase, RNase free
- Autoclavable

Cat. No	Product type	Colour	Capacity, mL	Pack qty
11996955	Low retention	Natural	0.6	500
11986955	Low retention	Natural	1.5	500
11906965	Low retention	Natural	2.0	500

MICROCL 21 AND 21R MICROCENTRIFUGES

thermo scientific

- MicroCL 21 and 21R microcentrifuges provide productivity, versatility, safety and convenience in a compact, easy-to-use lab instrument for advanced research applications
- Exceptional acceleration of up to 21000xg in as little as 12 seconds
- Straightforward operation with intuitive controls, easy-to-read displays
- Ergonomic one-click rotor opening and closing
- Standard rotor runs 24 microcentrifuge tubes in a single row
- Choose from seven other optional rotors
- ClickSeal biocontainment lids
- Sleek, lightweight, space-saving design with quiet performance
- Durable and easy to clean and maintain
- Outstanding corrosion resistance

Cat. No	Product type	Includes	Pack qty
10112074	MicroCL 21 centrifuge, ventilated	24 x 1.5/2.0mL rotor with ClickSeal biocontainment lid	1 pack
10733625	MicroCL 21R centrifuge, refrigerated	24 x 1.5/2.0mL rotor with ClickSeal biocontainment lid	1 pack

MICROCENTRIFUGE PACKS, SL8 AND SL8R

thermo scientific

- SL8 and SL8R microcentrifuges perform high-capacity work in a compact benchtop design
- SL8R models have a powerful refrigeration system with pre-temperature function
- Choose the pack option to fit your requirements
- All feature innovative technologies with smart, simple interfaces and the flexibility to meet your clinical and research processes and protocols
- Secure, push-button Auto-Lock™ rotor exchange in as little as three seconds
- Containment sealing options, including certified ClickSeal™ lids
- Expanded programming options with one-touch operation and highly visible backlit display, plus low noise levels
- Options with TX-150 swinging bucket rotors have a capacity of 24 x 5/7 mL tubes per run and flexibility with a wide range of adapters to 4500rpm, 3260xg
- High capacity options with MicroClick 30 rotors accommodate 30 x 1.5/2mL tubes to 14000rpm 21694xg
- The option with the TX-100S swinging bucket clinical rotor achieves efficient processing of up to 8 x 5/7mL blood collection tubes with biocontainment certified by Public Health England, Porton Down, UK. The TX-100S, which includes sealed carriers, is dedicated to routine clinical processing with individual screw-on biocontainment caps

Cat. No	Product type	Pack qty
15287559	Cell culture SL8 centrifuge pack: contains SL8 centrifuge, TX-150 rotor, TX-150 round buckets (4), sealing lids (4), 50mL conical adapters (4), 15mL conical adapters (4)	1 pack
15227579	Cell culture SL8R centrifuge pack: contains refrigerated centrifuge SL8R, TX-150 rotor, TX-150 round buckets, (4) sealing lids (4), 50mL conical adapters (4), 15mL conical adapters (4)	1 pack
15207569	High capacity SL8 microcentrifuge pack: contains SL8 centrifuge, TX-150 rotor, TX-150 oval buckets for conical tubes, MicroClick 30 rotor	1 pack
15257579	High capacity SL8R microcentrifuge pack: contains refrigerated centrifuge SL8R, TX-150 rotor, TX-150 oval buckets for conical tubes, MicroClick 30 rotor	1 pack
15297579	Mid-capacity SL8R sealed clinical microcentrifuge pack, contains refrigerated centrifuge SL8R, TX-100S rotor , 5/7mL adapters (8)	1 pack

MICROCENTRIFUGE TUBES WITH LOCKING SNAP CAP

fisherbrand

- Convenient, pierceable locking lids snap into place with one-handed operation
- Graduated, natural polypropylene (PP)
- Non-sterile
- Flat and pierceable cap
- Locking lid to secure the sample and avoid undesired opening
- Marking area
- Autoclavable and can withstand temperatures to -86°C
- DNase/RNase and pyrogen free

Cat. No	Capacity, mL	Bottom shape	Diameter, mm	Length, mm	Max. rcf (xg)	Pack qty
15422545	0.5	Conical	10	30	30000	500
15432545	1.5	Conical	13	39	26000	500
15442545	2.0	Round	13	40	25000	500

CENTRIFUGE TUBES, 15ML AND 50ML

fisherbrand

- Graduated in 0.5mL subdivisions (15mL) or 5mL subdivisions (50mL)
- Sterile

Cat. No	Material	Pack type	Max. rcf, xg	Cap	Inner pack qty	Pack qty
15mL						
11879640	PET	Rack	1800	Plug seal	50	500
11889640	PP	Rack	6000	Plug seal	50	500
11765075	PP	Bulk	6000	Plug seal	25	500
11849650	PP	Rack	6000	Flat top	50	500
11755075	PP	Bulk	6000	Flat top	25	500
50mL						
11899640	PP	Rack	9400	Plug seal	50	500
11809650	PP	Bulk	9400	Plug seal	25	500
11829650	PP	Bulk	9400	Plug seal	25	500
11819650	PP	Rack	9400	Flat top	50	500
11512303	PP	Bulk	9400	Flat top	25	500
11839650	PET	Rack	1800	Plug seal	50	500

MICROCENTRIFUGE TUBE RACKS, FOUR-WAY

fisherbrand

Four-way heavy duty racks feature a unique system of tabs and slots which when linked together create a large rack.

Cat. No	Colour	Pack qty
11700055	Assorted (blue, green, pink, yellow and orange)	5

MICROCENTRIFUGE TUBE RACKS, 80 WELL

fisherbrand

Polypropylene 80 well microtube racks ideal for freezer storage.

Cat. No	Colour	Pack qty
11728084	Assorted (blue, green, pink, yellow, orange)	5

COOLRACK™ M MICROCENTRIFUGE TUBE RACK MODULES

CORNING

- Thermoconductive microcentrifuge tube racks that eliminate temperature variability which originates from tubes placed directly into ice, dry ice, alcohol baths, water baths and other temperature sources
- Holds 1.5mL or 2.0mL tubes in a range of rack sizes and arrays
- Place the CoolRack module directly onto a temperature source between -196°C to 100°C and it will rapidly adapt to that temperature
- Ensures ± 0.1°C temperature uniformity across all tubes when cooling, snap freezing, heating or thawing
- All CoolRack modules may be autoclaved, high heat sterilised or decontaminated with bleach, alcohol or other disinfectants or lab detergents

Cat. No	Product type	Tube placement	Tube array	Pack qty
15592801	CoolRack M6, grey	6	2 x 3 wells	1
15522811	CoolRack M15, grey	15	3 x 5 wells	1
15562811	CoolRack M30, grey	30	5 x 6 wells	1
15592811	CoolRack M90, grey	90	6 x 15 wells	1

COOLBOX™ XT SYSTEMS

CORNING

- Cooling boxes with special cooling cores that provide sample cooling or freezing without ice, electricity, or batteries
- Modular design holds wide array of sample tubes and plates
- Enables cooling of up to 16 hours or freezing up to eight hours when used with one cooling core
- Reduces risk of ice contamination
- Available in single or double capacity sizes
- Can be used with dry ice
- Compatible with Corning CoolRack™ and Corning CoolSink™ thermo-conductive sample modules

Cat. No	Product type	Includes	Colour	Pack qty
15582791	CoolBox XT, single capacity, 200 x 160 x 150mm (l x w x h), mm	Holder and one cooling core	Orange	1
15502801	CoolBox 2XT, double capacity, 265 x 200 x 150 (l x w x h), mm	Holder and two cooling cores	Purple	1

ANALYTICAL BALANCES

fisherbrand

- Fisherbrand™ analytical balances are ideal for meeting the routine weighing needs of most laboratories
- Weighing modes include weighing, parts counting and percentage weighing
- Large easy-to-clean draft shield with sliding top and side doors
- Level indicator and selectable environmental settings
- Dimensions (w x d x h): 196mm x 320mm x 287mm
- Linearity: 0.2mg
- Repeatabilty: 0.1mg
- Communication interface: RS232
- Two year warranty

Cat. No	Capacity	Calibration type	Readability	Pack qty
15395103	65g	Internal	0.1mg	1
15315113	210g	Internal	0.1mg	1
15305113	210g	External	0.1mg	1

PRECISION BALANCES

fisherbrand

The Fisherbrand series of precision balances are designed for basic routine weighing in a variety of laboratory, industrial and education applications. With the right combination of performance and features, these balances offer uncomplicated operation for all your basic weighing needs.

- Single-line LCD display without backlight
- Three-button panel with dedicated and number functions
- RS232 bidirectional interface
- Up-front level indicator - no need to look in back of balance during leveling process
- Stainless steel platform
- Works well in harsh environments: settings can be adjusted to compensate for vibrations and other disturbances
- Weighing modes include weighing, parts counting and percent weighing
- Includes AC power adapter

Cat. No	Capacity	Calibration type	Readability	Pack qty
15325113	210g	External	0.001g	1
15335113	410g	External	0.001g	1
15345113	410g	Internal	0.001g	1
15355113	2100g	External	0.01g	1
15385113	2100g	Internal	0.01g	1
15365113	4100g	External	0.01g	1
15375113	4100g	External	0.1g	1
15395113	4100g	Internal	0.01g	1

SPATULAS, METAL

fisherbrand

- A range of quality spatulas in different sizes and designs
- Stainless steel

Cat. No	Length, mm	Width, mm	Pack qty
Stainless steel, Nuffield			
11513492	140	10	10
Stainless steel, Chattaway			
11573482	200	10	5
Stainless steel, microspoon			
11593482	150	4	5
Stainless steel, Chattaway with trough/trulla			
11503492	150	8	5
11523492	176	20	5

WEIGHING BOATS, DISPOSABLE POLYSTYRENE

fisherbrand

- Available as standard or anti-static
- Diamond or square shaped
- Available in either white or black from the wider product portfolio
- 5mL to 280mL capacity

Cat. No	Shape	Capacity, mL	Pack qty
Anti-static white			
129228501	Square	10	500
11680302	Square	85	500
11533432	Diamond	30	500
Standard white			
11503432	Square	85	500
11513432	Square	280	500
11573422	Diamond	30	500
12387552	Diamond	100	500

ACCUMET™ AET15 PH TESTERS

fisherbrand

- The AET15 pH Tester has a large screen dual LCD display for enhanced readability, providing comprehensive meter information
- Waterproof, dustproof housing is IP67 rated, which maintains the integrity of your tester even in harsh conditions.
- Floats if accidentally dropped in water
- User-replaceable sensor - reuse the same meter body many times
- Double junction sensor offers longer lasting usage
- Push-button calibration with auto-buffer recognition offers quick, easy calibration with no calibration mistakes
- Automatic Temperature Compensation (ATC) ensures optimum accuracy under fluctuating temperatures
- Choice of USA or NIST pH buffer standards with up to three points
- Temperature display readout simultaneously
- Auto power-off saves battery power after non-use
- 'Hold' function freezes reading momentarily for easy viewing
- Self-diagnostic for easy troubleshooting (e.g battery indicator, message codes)
- Enhanced power saving allows extended power consumption of up to 500 hours with a single battery set
- pH range: 1.0 to 15.0

Cat. No	Product type	Pack qty
15553653	accumet™ AET15 pH Tester	1

ACCUMET™ AE150 BENCHTOP PH METERS

fisherbrand

- All the essential functions needed for routine pH measurements without complicated features and processes at a budget-friendly price
- One to five-point pH calibration
- Automatic buffer recognition with selection of two pH buffer sets
- pH slope and offset display
- Automatic or manual temperature compensation
- 'Ready' icon to indicate measurement stability
- Electrode condition icon to indicate status
- 100 dataset storage with non-volatile memory
- pH range 0.00 to 14.00 pH
- pH resolution 0.01 pH
- Warranty: three years

Cat. No	Product type	Pack qty
15534693	Benchtop pH meter AE150 'Bio' set, complete with double junction gel pH electrode, ATC probe and stand	1

ACCUMET™ AB150 BENCHTOP PH METERS

fisherbrand

- Multiple views with backlight display
- Date/time for GLP requirements
- Customer buffer calibration options
- Three position electrode holder and stirring capability
- Upgradeable software
- Wall mounting available

Intuitive, simple operation and high accuracy measurements in a compact, affordable meter. Accumet AB150 pH benchtop meters have large backlit display which offers great visibility in laboratory environments.

Cat. No	Product type	Pack qty
12870633	AB150 Kit - Includes meter, Tris-compatible pH/ATC electrode, electrode arm, RS232 and USB cables, 100/240V power supply, and manual	1

ACCUMET™ AET30 CONDUCTIVITY TESTERS

fisherbrand

- Hand-held, versatile, multi-range conductivity testers with selectable or auto-ranging options
- Capable of measurements on pure water through to waste water in a wide range of laboratory, industrial and environmental settings
- Long-lasting, user-replaceable sensor element made of SS316 stainless steel
- Large display screen, with simultaneous temperature readouts, displays mode, ATC, battery level
- Single and multi-point calibrations with automatic or manual options
- Waterproof, anti-roll design with an IP67 waterproof housing keeping the tester working even under wet conditions
- Unique anti-roll ribbed design ensures firm user grip
- Innovative cup-style - the innovative sensor housing design can be used as dip-style or cup-style for holding small volume of samples
- Sensor casing is made of VALOX™ for superior protection and chemical durability
- Range settings: to 200μS/cm, to 2000μS/cm; to 20mS/cm

Cat. No	Product type	Pack qty
15563653	accumet™ AET30 with ATC and temperature display. Includes replaceable cup type sensor, lanyard and alkaline button cell batteries	1

UNIVERSAL CONTAINERS, POLYSTYRENE 30ML

thermo scientific

- 1/2-turn cap ensures improved end-user handling
- Also available pre-filled with boric acid (0.4g) for the preservation of urine samples
- Suitable for centrifugation at 3.800xg
- Aseptically manufactured
- In vitro use only
- OD x H, mm: 31.0 x 94.0
- Material container/cap: PS/PE
- 95kPa

Cat. No	Product type	Capacity, mL	Label type	Closure type	Pack qty
11339133	Universal	30	Unlabelled	PP Quickstart	400
11319153	Universal	30	Plain label	PP Quickstart	400
11339633	Universal	30	Printed	PP Quickstart	400

CONTAINERS, POLYSTYRENE 7ML

thermo scientific

- Aseptically manufactured
- Suitable for centrifugation at 7.200xg
- Leak-tested in accordance with BS EN14254 Annexe D
- Wider product range also available pre-filled with boric acid (0.09g) for the preservation of urine samples or with removable glass coverslip, ideal for work on the culture of intracellular organisms (e.g. Chlamydia trachomatis, Rickettsia, etc.)
- Materials container/cap: PS/PE

Cat. No	Product type	Capacity, mL	Label type	Closure type	Pack qty
11399133	Bijou	7	Printed	PE	700

POLYPROPYLENE TRANSLUCENT CONTAINERS

fisherbrand

- Ideal for general laboratory applications
- Excellent chemical resistance
- Polypropylene screw closure - leakproof
- Autoclavable with cap loosened

Cat. No	Volume, mL	Height, mm	Cap size, mm	O.D., mm	Pack qty
11543242	125	93	38/R3	50	10
11553242	150	68	58/R3	60	10

POLYPROPYLENE WIDE MOUTH CONTAINERS

Azlon®

- Polypropylene containers with unlined screw caps
- Wide mouth for easy sample access
- Autoclavable
- Good chemical resistance
- Temperature range -20 to 135°C
- Ideal for storage of samples or powders

Cat. No	Capacity, mL	Height, mm	Diameter, mm	Pack qty
12046902	39	43	43	72
12571496	125	60	70	36
12594997	250	66	89	36
12501486	500	97	89	24
12545007	950	120	100	24
12511486	1200	120	132	24

SEROLOGICAL PIPETTES, POLYSTYRENE

fisherbrand

- Sterile pipettes with excellent optical clarity
- A black magnifier stripe runs lengthwise along the pipette making the meniscus obvious and reducing reading errors
- 5mL, 10mL, 25mL and 50mL sizes have both ascending and descending graduations
- Tip design on the 25mL and 50mL sizes increases the effect of surface tension to minimise dripping
- Bulk packed or individually wrapped

Cat. No	Colour code	Capacity, mL	Graduations, mL	Pack qty
Individual all-plastic wrap				
11819660	Yellow	1	0.01	1000
11879650	Green	2	0.01	500
11829660	Blue	5	0.1	200
11839660	Orange	10	0.1	200
11517752	Red	25	0.2	200
Individual paper-plastic wrap				
11849181	Yellow	1	0.01	1000
11869181	Blue	5	0.1	200
Pipettes bulk packed				
11889650	Yellow	1	0.01	1000
11869650	Green	2	0.01	500
11899650	Blue	5	0.1	500
11809660	Orange	10	0.1	500
11859660	Purple	50	0.5	100

PIPETTE FILLERS, MOTORISED

fisherbrand

- For glass and plastic pipettes from 0.1 to 200mL
- Ergonomic handgrip
- Variable speed with two button control
- Safety valve
- NiMH battery, 2.4V, 700maH
- Recharging indicator LED

Cat. No	Product type	Pack qty
15249805	Motorised pipette filler	1

PIPETTOR KITS, ELITE™

fisherbrand

- All the quality of the Elite™ range in a convenient kit of four popular manual, single-channel pipettor sizes (0.2-2μL, 2-20μL, 20-200μL, 100-1000μL)
- Elite™ pipettors provide ergonomic benefits with finger and hand rests designed into the product to help reduce RSI
- Elite™ pipettors offer accurate and precise liquid handling
- Elite™ pipettors are durable and reliable
- Supplied with a robust stand
- Optimal fit with the SureOne™ pipettor tips

Cat. No	Product type	Includes	Pack qty
15268638	Elite kit 4	Four Elite pipettors (0.2-2μL, 2-20μL, 20-200μL, 100-1000μL) and stand	400

PIPETTORS, VARIABLE SINGLE CHANNEL, ELITE™

fisherbrand

- Classic single channel, manual adjustable pipettors
- Available in a range of dispensing volume ranges
- Ergonomically designed, comfortable pipetting
- Low pipetting and tip ejection forces reducing RSI risks
- Autoclavable at 121°C (20 min) without disassembly
- Accurate and precise liquid handling
- Durable and reliable
- Optimal fit with the SureOne™ pipettor tips

Cat. No	Product type	Pack qty
11895762	Elite pipettor, 0.5mL to 5mL	1
11805772	Elite pipettor, 1mL to 10mL	1

ELITE™ PIPETTOR STAND

fisherbrand

- Stand for up to six Elite™ pipettors
- Also accommodates up to six pipettors of most other commonly-used types
- Sturdy and free-standing on the bench
- Durable grey plastic

Cat. No	Pack qty
11895772	1

STRIPETTOR™ ULTRA PIPETTE CONTROLLERS

CORNING

- A light, ergonomic, motorised pipette controller designed for use with glass and plastic serological pipettes from 0.5 to 100mL
- Conveniently positioned switches change operating modes and speeds quickly to handle different liquid volumes and various viscosities
- Aspirating and dispensing speed is controlled through finger triggers
- Rechargeable batteries enabling up to 8 hours of continuous use
- LCD display for continuous visualisation of speed, modes, and battery status
- With additional coloured nosecones to customise by application or user
- Quiet, powerful motor

Cat. No	Product type	Pack qty
15536304	Stripettor Ultra, including universal power supply, three 0.2μm filters, three coloured nosecones and wall hanger	1

UNIVERSAL FILTER PIPETTOR TIPS, SUREONE™

fisherbrand

- Fisherbrand™ SureOne™ pipettor tips are a comprehensive line of universal fit pipettor tips
- Available in a range of volumes, from 5μL to 5mL, in bulk, racked and reload packaging and in a range of tip styles
- Filter tips have aerosol barriers
- Micropoint tips especially useful for gel loading
- Universal 20μL, 100μL and 1000μL tips for other routine pipetting applications
- Non-sterile tips are certified to be free of RNase/DNase and DNA
- Sterile tips are e-beam treated and certified to be free of RNase/DNase, pyrogen, bioburden, PCR inhibitors and endotoxins
- SureOne™ achieves optimal fit with Fisherbrand Elite™ pipettors
- Also compatible with most popular brands of pipettor

Cat. No	Colour	Pack type	Inner pack qty	Pack qty
Micropoint filter tips 0.1μL to 5μL, graduated at 2.5μL				
11917734	Clear	Racked sterile	96	960
Micropoint filter tips 0.1μL to 10μL, graduated at 2μL intervals				
11903466	Clear	Racked sterile	96	960
Micropoint filter tips extended length 0.1μL to 10μL, graduated at 2.5μL intervals				
11913466	Clear	Racked sterile	96	960
Micropoint filter tips extended length 0.1μL to 20μL, graduated at 2μL, 5μL, 10μL and 20μL				
11977714	Clear	Racked sterile	96	960
Bevelled filter tips 2μL to 20μL				
11943466	Clear	Racked sterile	96	960
Micropoint filter tips 20 to 200μL, graduated at 10μL, 50μL and 100μL				
11963466	Clear	Racked sterile	96	960
Bevelled/micropoint filter tips 10 to 300μL, graduated at 10μL, 50μL, 100μL and 200μL				
11987714	Clear	Racked sterile	96	960
Micropoint filter tips 1000μL, graduated at 100μL, 200μL, 500μL and 1000μL				
11973466	Clear	Racked sterile	96	960
Universal filter tips 1000μL to 5000μL for Gilson-style pipettors				
11927754	Clear	Bulk sterile	96	960

GENERAL PURPOSE PERISTALTIC PUMP SYSTEMS, GP1000

fisherbrand

- Flow rate 0.5 to 3000mL/min
- Speed 4 to 400rpm
- Reversible flow
- Pressure 60psig
- Dimensions 317mm x 279mm x 152mm

Use this pump for contamination free, consistent fluid delivery in peristaltic pumping applications.
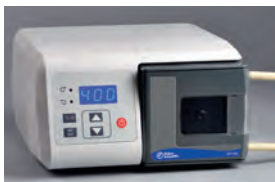
Cat. No	Product type	Pack qty
15377547	GP1000 pump	1

GENERAL PURPOSE PERISTALTIC PUMP SYSTEMS, GP1100

fisherbrand

- Flow rate 14 to 4000mL/min
- Speed 4 to 400rpm
- Easy to use and maintain
- Space efficient low profile, stackable
- Interface with other instrumentation, remote control capability
- Accurate, reliable control of flow and dosing
- Easy to use controls
- Stop and start from the front panel
- Increase/decrease flow
- Flow direction (CW/CCW)

The GP1100 unit provides robust performance and economical value. The broad flow range and variable speed make this pump ideal for laboratories to pilot process scale-up requirements. The GP1100 tubing pumps are a reliable alternative to lab piston metering pumps, gear pumps and small circulating pumps used in life science laboratory applications.

Cat. No	Product type	Pack qty
15387547	GP1100 pump	1

SILICONE PERISTALTIC PUMP TUBING

fisherbrand

- Platinum-cured silicone tubing
- For peristaltic pumping applications
- Available in both thin and thick wall configurations
- Available in standard 15m lengths

Cat. No	Inside diameter, mm	Wall thickness, mm	Pack qty
15561315	4.8	1.6	15m
15501325	6.4	2.4	15m
15511325	8.0	2.4	15m

YOUTILITY™ GL45 GLASS MEDIA BOTTLES

DURAN GROUP
magic of precision

- Each bottle is supplied as a complete unit, with a pouring ring and a GL 45 cap (both in cyan polypropylene)
- Moulded from Duran™ borosilicate 3.3 pharmacopoeial Type 1 neutral glass
- Ergonomically shaped gripping zones on both sides of the bottle for easier and safer handling
- New thread permits opening or closing the bottle significantly quicker
- Fully compatible with DIN GL 45 closures and other accessories
- Slimmer bottle shape allows optimal use of space in autoclaves and laboratory refrigerators
- Autoclavable up to 121°C
- Nominal volume is shown at the top of the easy-to-read graduation scale for fast determination of the volumes
- Very good chemical resistance and high temperature resistance
- Available in four popular volumes
- Integrated retrace code
- USP standard

Cat. No	Capacity, mL	Height, mm	Diameter, mm	Pack qty
15233375	125	124	55	4
15223375	250	158	66	4
15243375	500	193	78	4
15253375	1000	253	93	4

Accessories

Cat. No	Product type	Pack qty
15263375	Screw caps for Youtility bottles	10
15273375	Pour rings for Youtility bottles	16
15283375	GL45 silicone tags for Youtility botles	16
15293375	Self-adhesive labels for Youtility bottles	200

ERLENMEYER FLASKS, NARROW NECK BOROSILICATE GLASS 3.3

fisherbrand

Constructed from borosilicate glass. Fisherbrand™ narrow neck conical Erlenmeyer flasks are available in a variety of sizes.

- Conforms to ISO 1773
- Graduated

Cat. No	Volume, mL	Certification	Height, mm	O.D., mm	Neck diameter, mm	Pack qty
15499093	50	DIN ISO 1773	90	51	22	10
15409103	100	DIN ISO 1773	135	79	34	10
15419103	200	DIN ISO 1773	135	79	34	10
15429103	250	DIN ISO 1773	160	87	34	10
15439103	500	DIN ISO 1773	180	105	34	10
15449103	1000	DIN ISO 1773	220	131	42	10
15459103	2000	DIN ISO 1773	280	166	50	1
15469103	3000	DIN ISO 1773	310	187	50	1
15479103	5000	DIN ISO 1773	365	220	50	1

👁 **Warning :** Fisherbrand 2017

HEAVY DUTY ERLENMEYER FLASKS WIDE NECK BOROSILICATE GLASS 3.3

fisherbrand

- Borosilicate glass, graduated
- Heavy duty tooled top
- Graduations measure approximate volumes
- Matte-finish ceramic marking spot takes writing and erases easily
- High resistance to heat, chemical attack, and mechanical shock

Cat. No	Volume, mL	Height, mm	Widest OD, mm	Stopper size	Pack qty
15496143	250	130	77	8	12

👁 **Existing :** ACA BOOK 2017

RIMLESS BOROSILICATE LIGHT WALLED CULTURE TUBES

fisherbrand

- Premium quality tubes with sturdy, uniform bottoms and consistent lengths
- Made from borosilicate glass to reduce pH changes and contaminants potentially leached from soda lime glass
- Suitable for cell washing procedures
- Approximate wall thickness is 0.6mm

Cat. No	Length, mm	Diameter (external), mm	Pack qty
11587403	150	18	500

COMBISART™ MEMBRANE FILTER MANIFOLDS

sartorius

- Stainless steel manifolds designed to accommodate all types of filter holder and funnels, such as ready-to-use funnels, flammable units, stainless steel funnels for colony counting and autoclavable glass and polycarbonate filter holders
- For routine colony or particle counting in quality assurance
- The system enables the user to select the optimal hardware and consumables for their requirements

Cat. No	Product type	Pack qty
10659602	Three branch manifold without funnels	1
10479511	Six branch manifold without funnels	1

BOROSILICATE GLASS FILTRATION SYSTEMS

PYREX®

- All glass filtration system for use with 47mm diameter membranes
- Complete assembly comprises of four components: a borosilicate glass funnel 300mL capacity; a support base with a borosilicate glass porosity grade 3 sintered disc and vacuum connection with 40/38 socket; a 1000mL borosilicate conical flask suitable for use under vacuum with a 40/38 cone; and a metal retaining clip
- Fully autoclavable
- Ideal for microbiology and preparation of HPLC solvents
- Available as a complete assembly or as separate components

Cat. No	Product type	Pack qty
15115284	Filtration system, 47mm, complete assembly	1
12754308	Funnel assembly, 47mm for filter systrem	1
11997098	Funnel base for filter system	1
11907108	Flask, borosilicate glass,1L, for filter system	1
12408786	Metal clip for filter system	1

TUBE ROTATORS, MULTI-PURPOSE

fisherbrand

- The Fisherbrand multipurpose tube rotator offers flexibility with multiple carousel options
- Digital microprocessor control
- Adjustable speed from 5-80rpm
- Adjustable angled head offers mixing angles from 95 to 180°
- Timer features both time up and time down counting modes
- Display will show last used settings, even after power has been turned off
- Wide range of accessories for maximum versatility
- Two year warranty

Cat. No	Product type	Pack qty
15524080	Tube rotator, with 5-place tube carousel for 50mL tubes	1
Accessories		
15554090	50 place tube carousel for 1.5/2.0mL tubes	1
15564090	30 place tube carousel for 15mL tubes	1
15574090	15 place tube carousel for 50mL tubes	1
15584090	10 and 20 place tube carousel for 10-15mL and 5-7mL tubes	1
15594090	64 place drum tube carousel for 14mm culture tubes	1
15504100	64 place drum tube carousel for 18.5mm (15-20mL) culture tubes	1

MINI TUBE ROTATORS

fisherbrand

- Fisherbrand mini tube rotators accommodate 1.5mL to 50mL tubes
- Adjustable digital speed control and agitation mode allow for a wide variety of applications
- Small footprint fits easily into refrigerators and non-CO_2 incubators
- Digital RPM display with quiet operation
- Paddles are easily adjustable/interchanged - each can be adjusted from 0 to 90°
- Achieve more effective mixing with 'agitation' mode: agitation will occur at every 40 degrees in the rotation cycle. The combination of rotation and oscillation provides more effective mixing
- Unit includes as standard 2 x 10mL/15mL tube-holding paddles, 2 x 5mL/7mL paddles, 2 x 1.5mL/2mL paddles, 1 x 50mL paddle
- Wide range of other accessories available
- Applications across a broad spectrum of scientific disciplines including molecular biology, clinical, and biochemistry

Cat. No	Product type	Pack qty
15534080	Mini tube rotator 10-40rpm 100-240V, EU & UK plug	1
Accessories		
15554140	Two paddles for 0.5mL/0.8mL tubes	2
15544140	Two paddles for 1.5mL/2mL tubes	2
15534140	Two paddles for 5mL/7mL tubes	2
15524140	Two paddles for 10mL/15mL tubes	2
15564140	Paddle for 50mL tubes	1

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STUART™ TUBE ROTATORS, SB3

- Gives gentle but effective mixing, adjustable between 2 and 40rpm
- Ideal for keeping biological samples in suspension
- Fully adjustable mixing angle
- Can be used in incubators up to 40°C and in cold rooms down to 4°C
- Choice of tube holders to hold a number of different sized tubes
- Integral spillage tray
- Digital timer and speed display

Cat. No	Product type	Pack qty
15189712	Rotator with free SB3/1 1.5mL microcentrifuge tube holder	1
15109722	Rotator with free SB3/3 50mL centrifuge tube holder	1

VORTEX MIXERS, BASIC

- General purpose basic laboratory mixer for a variety of mixing applications
- Speed 0 to 3000rpm
- Touch or continuous operation
- Technopolymer body for higher chemical resistance
- Orbit diameter 4.5mm
- Dimensions 153 x 170 x 125mm

Cat. No	Product type	Pack qty
13214789	Vortex mixer, speed 0 to 3000rpm	1

VORTEX MIXERS, WIZARD

- Ideal for a variety of mixing applications
- Innovative and attractive ergonomic design for outstanding comfort
- Epoxy-coated zinc alloy construction for durability and excellent chemical resistance
- Anti-slip feet help to absorb vibration and increase stability
- Wizard model features unique infrared tube sensing system
- Protection: IP42
- Speed 0 to 3000rpm
- Orbit diameter 4.5mm

Cat. No	Product type	Pack qty
11746744	Vortex mixer, 230V, 50Hz, ZX Wizard	1

VORTEX MIXERS, ADVANCED IR

- Ideal for mixing a large array of test tubes
- Continuous or intermittent agitation by infrared detection when tube is in proximity
- Durable zinc alloy and technopolymer construction
- Dimensions (h x w x d) 130 x 150 x 165mm
- 0-3000rpm
- Accessory attachments available for mixing microtubes or microtitre plates

Cat. No	Product type	Pack qty
13284769	ZX4 IR vortex mixer	1
Accessories		
12365107	Foam attachment for 19 x 1.5mL Eppendorf™ vials	1
11792583	Foam attachment for microtitre plates	1

BOTTLE ROLLERS, DIGITAL, CO_2 AND HUMIDITY RESISTANT

- Compact units with adjustable rollers capable of rolling multiple sizes of tubes or bottles
- Anti-corrosive and wear resistant construction enables use in humid and CO_2 environments
- Adjustable digital speed control 5 to 80rpm
- Stacking kit allows stacking units two high, saving valuable bench space
- Optional remote control unit permits operation inside incubators and adds timer function
- Includes O-rings for smooth rolling of 15mL or 50mL tubes
- Applications include cell culture, hybridisation assays, liquid mixing and bioproduction
- Warranty: Two years

Cat. No	Product type	Pack qty
15376617	Fisherbrand bottle/tube roller, variable speed,digital	1
Accessories		
15386617	Additional rollers	2
15316627	Stacking kit	4
15268914	Remote control unit	1

MAGNETIC STIRRERS, ULTRA-THIN DESIGN

- Ultra thin, flat, magnetic stirrer just 12mm high
- Stylish design with modern magnetic coil technology
- Variable speed setting from 15 to 1500rpm with pulse function
- Anti-skid pads for stability
- Simple control panel with easy-to-use interface
- Speed indicator during operation
- Wearfree drive (no moving parts) so maintenance free
- Plate and casing made from chemically resistant materials
- Stir bar docking location to place or attach magnetic stir bar
- Power supply - supplied with UK and EU adapter

Cat. No	Product type	Pack qty
15361901	Ultrathin stirrer 800mL UK\EU power adapter	1

MAGNETIC STIR BARS

- Provides stable stirring action
- Stir bars have central pivot rings, ideal for containers with uneven or unusual bottom surfaces and shapes
- Flat surfaces provide a greater mixing action
- Autoclavable
- White PTFE encapsulated Alnico V magnet core

Cat. No	Diameter, mm	Length, mm	Pack qty
11587802	4.5	12	5
11597802	6	20	5
11507812	6	25	5
11517812	6	35	5
12641156	8	50	5

PH INDICATOR STICKS

fisherbrand

- pH indicator paper sticks are non-bleeding and are supplied with a colour comparison chart
- Stick dimensions 85mm x 6mm with different indicator papers sealed onto each strip
- The sticks are sufficiently long to avoid contact between the fingers and the actual test sample

Cat. No	pH range	Pack qty
10018080	0.0-6.0	100
10642751	0.0-14.0	100
10017950	1.7-3.8	100
10353641	3.6-6.1	100
10333501	4.5-10	100
10271751	7.0-14.0	100

PH INDICATOR PAPER

fisherbrand

- Provides rapid and precise readings
- Filter paper soaked with one or several coloured indicators of pH
- Economical selection of indicator papers cover the entire range of pH 0 to 14
- Available in a variety of formats to meet individual needs in the wider product portfolio
- Includes a convenient colour scale reference chart printed on the cover in steps of pH 2

Cat. No	pH range	Format	Roll length	Pack qty
15515679	1 to 14	Tear-off roll	5m	4 rolls

ELECTROPORATION CUVETTES PLUS™

fisherbrand

- Disposable, colour-coded cuvettes
- Fit most electroporators
- Includes embedded aluminium electrodes
- Polycarbonate
- Sterile

Cat. No	Capacity, mL	Width, mm	Pack qty
15532423	90	1	50
15542423	400	2	50
15552423	800	4	50

FOUR-CHANNEL TIMERS, TRACEABLE™

fisherbrand

- Set four separate channels independently from 99 hours, 59 minutes, 59 seconds to one second
- Features: count up/down, time in/out, memories, alarm, 12/24 hour clock
- Large high display allows viewing from a distance
- Memory returns display to previously programmed countdown time at the touch of a button
- Extra-loud, high decibel alarms for 1 minute or can be silenced manually
- Resolution 1 second with accuracy of 0.01%
- Supplied with clip, stand, magnet, battery, Traceable™ Certificate

Cat. No	Product type	Pack qty
11745863	Four-channel timer, Traceable™	1

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Focus on Fisherbrand

for all your
Traceable™ Products

For full range refer to eu.fishersci.com/go/fisherbrand

fisher scientific
part of **Thermo Fisher Scientific**

Inoculation and media

GLASS CULTURE FLASKS

DURAN GROUP
magic of precision

- Duran™ culture flasks, Erlenmeyer-shaped
- Manufactured from borosilicate glass
- Roux type
- Straight neck
- For preparation of cultures in nutrient media
- Narrow necks suitable for use with anodised blue aluminium caps (supplied separately)

Cat. No	Capacity, mL	Base diameter, mm	Height, mm	Neck diameter, mm	Pack qty
11871000	100	64	114	38	10
11881000	250	85	149	38	10
11776828	500	105	183	38	10
11715045	1000	131	232	38	10
11736948	2000	166	302	38	10
Accessory					
Cat. No	Product type				
11776115	Blue anodised aluminium caps, diameter 38mm				10

SHAKER FLASKS, POLYCARBONATE

fisherbrand

- For suspension cultures, media preparation or storage
- Moulded in graduations
- Polycarbonate with polypropylene closure; vented closure has 0.22µm pore PTFE
- Sterile, non-pyrogenic and non-cytotoxic
- Certified sterile at 10^{-6} SAL USP Class VI (five year shelf life)
- For single use; individually packed for easy storage and handling
- Available with plain bottom for use on bench top, or baffled bottom for shaker table use
- Flask and non-vented closures are autoclavable

Cat. No	Product type	Capacity, mL	Height, mm	Diameter, mm	Internal neck diameter, mm	Pack qty
Plain bottomed flasks						
11735263	Non-vented	125	113	66	26	24
11725253	Non-vented	250	137	83	26	12
11785253	Non-vented	500	178	102	38	12
11705253	Non-vented	1000	224	130	36	6
Baffled bottomed flasks						
11755263	Vented	125	113	66	26	24
11735253	Vented	250	137	83	26	12
11705263	Vented	500	178	102	38	12
11715253	Vented	1000	224	130	36	6
11725373	Vented	2000	274	162	36	4
11775373	Vented	2800	240	203	70	4

DURAN™ FOUR-BAFFLE BOROSILICATE GLASS FLASKS

DURAN GROUP
magic of precision

- Ideal for microbiological applications
- Consistent flask shapes for highly reproducible experimental conditions and results
- Borosilicate glass with high chemical and thermal shock resistance
- Four bottom baffles increase aeration at higher shaking speeds by increasing the gas exchange surface area of the liquid, and hence the oxygen uptake
- Baffled flasks also disrupt the circular laminar flow and cause additional turbulence
- With membrane screw caps and pouring ring
- GL 45 thread necks
- Erlenmeyer style

Cat. No	Capacity, mL	Height, mm	Diameter, mm	Pack qty
11726278	250	145	85	4
11736278	500	180	105	4
15273436	1000	221	135	1
Accessory				
12524917	Polypropylene closures			10

PYREX™ ROUND BOTTOM CULTURE TUBES WITH SCREW CAPS

PYREX®

- Ideal for culture work
- Manufactured from Pyrex™ borosilicate glass
- High resistance to attack from water reduces leaching of contaminants which can cause pH changes
- Phenolic (PBT) screw caps with inert PTFE lined rubber disc
- Cap can withstand repeated dry heat and steam sterilisation cycles (121°C for two hours)
- Available in a range of sizes
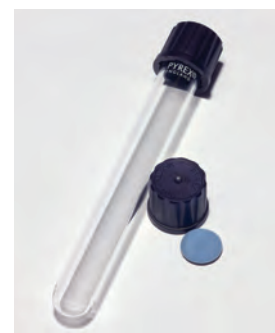
Cat. No	Capacity, mL	Length, mm	Diameter, ext., mm	Pack qty
10004654	11	100	16	40
11307824	15	100	18	40
10422205	20	100	20	40
10297774	36	100	26	40

PETRI DISHES, POLYSTYRENE

fisherbrand

- Quality, general purpose Petri dishes for routine microbiological work
- Range of sizes and vented or non-vented options
- Dishes made by aseptic production: the melting temperature of the raw material used during their manufacture is approximately 250°C. This is considered to be sufficient to destroy bacteria. The dishes are then packed under very strict aseptic conditions
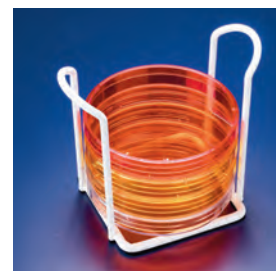- Dishes sterilised by irradiation: sterilised petri dishes are recommended for most microbiological tests. A yellow label is affixed to each case that turns red after sterilisation

Cat. No	Product type	Height, mm	Diameter, mm	Pack qty
Manufactured by aseptic production				
12644785	No vent	16.2	90	600
12654785	Single vent	16.2	90	600
12694785	Triple vent	14.2	90	600
12664785	Triple vent	16.2	90	600
Sterilised by irradiation, with peelable sterilisation certificate				
12674785	Single vent	16.2	90	600
12604795	Triple vent	14.2	90	600
12684785	Triple vent	16.2	90	600

PETRI DISHES, POLYSTYRENE, STERILIN™

thermoscientific

- Single use, with an excellent uniform finish
- Manufactured from non-cytotoxic virgin polystyrene
- The dishes fit popular makes of automatic agar filling machines and the lids are recessed for stable stacking
- Vented or non-vented options
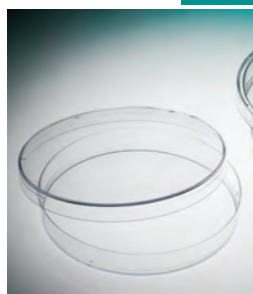- Sterile or aseptic manufacture options
- CE marked

Cat. No	Product type	Dimensions, mm	Sterile\Aseptic	Pack qty
Square dishes				
11339273	Vent\non-vent lid	100 x 100 x 21	Aseptic	120
Round dishes				
15370366	Non-vented	90 x 16	Aseptic	500
11769252	Triple vented	90 x 16	Sterile	500
11339283	Triple vented	140 x 21	Aseptic	80

PETRI DISHES, OPTIMISED FOR AUTOMATION

GOSSELIN

- Designed in collaboration with Petri dish filling equipment manufacturers
- Ideal for microbiological examination either by surface plating or plate pouring techniques
- Crystal polystyrene
- Three vents
- Optimal flatness
- Manufactured in a class 100 facility to sterility SAL 10^{-6}
- Easy-opening sleeves

Cat. No	Product type	Height, mm	Diameter, mm	Pack qty
15468794	Triple vent	15	100	825

PETRI DISH STANDS

Azlon®

- Holds up to six 90mm petri dishes
- Manufactured from polyamide epoxy coated steel
- Offers a better heat and chemical resistance than other coatings
- Ideal for small batch incubation

Cat. No	Material	Pack qty
10722807	Polyamide epoxy coated steel	1

CELL SPREADERS, POLYPROPYLENE

fisherbrand

- For even inoculation of bacterial cultures
- Disposable
- Smooth spreading surface with slight upward angle reduces the risk of damaging agar
- L-shape allows access to the entire Petri dish or plate surface
- Presterilised polypropylene eliminates the need for flaming or autoclaving

Cat. No	Product type	Colour	Dimensions, mm	Sterile	Inner pack qty	Pack qty
15615467	L-shaped	Blue	Length 145mm	Yes	10	500
15625467	L-shaped	Blue	Length 145mm	Yes	1	100
15635467	Triangular	Blue	Width 30mm	Yes	1	25
15645467	Triangular	Yellow	Width 60mm	Yes	1	25

INOCULATING SPREADERS, POLYSTYRENE

GOSSELIN

- High impact disposable spreaders for surface inoculation over solid media in microbiological applications
- Packed in tamper evident zipper bags or individually
- L-shape spreaders have curved ends
- T-shape spreader also available for more precise inoculation

Cat. No	Colour	Shape	Length, mm	Inner pack qty	Pack qty
11821741	White	L-shaped	148	5	400

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OXOID™ READY-POURED MEDIA PLATES

thermoscientific

- Isolate, identify, differentiate, and perform susceptibility testing on a range of ready-to-use, ready-poured plates from the experts in microbiological media at Oxoid™
- From a comprehensive line of media and diagnostic products helping to deliver the products and the quality results microbiology laboratories depend on
- Thousands of quality assured, consistent formulations and formats available, including routine, specialty, or custom blends
- Convenient: saves time and effort and eliminates the need for weighing out and autoclaving, to tempering, pouring and dispensing whilst striving to maintain sterility at all times
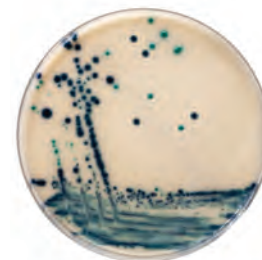
Cat. No	Alt. No	Product type	Pack qty
13215369	PO5133A	Bacillus cereus MYP agar	10
10312183	PB5065A	Bordetella selective medium	10
12937208	PO1198A	Brain heart infusion agar (deep fill)	10
12513946	PO5014A	Baird-Parker agar	10
12815093	PO5091A	Campylobacter selective blood-free agar	10
13245359	PO5090A	Chocolate agar with Vitox	10
11934122	PO5183A	Chromogenic Listeria agar (ISO)	10
12992568	PO0120A	CLED (UK only)	10
13245349	PO5009A	CLED (EU only)	10
13215339	PB5049A	Columbia CNA Staph\Strep selective agar with sheep blood	10
12971130	PB0122A	Columbia agar with horse blood	10
10515633	PB5008A	Columbia agar with sheep blood	10
13245369	PO5167A	Drigalski medium	10
13255339	PO0155A	General purpose nutrient agar	10
13285359	PO5100A	Hektoen enteric agar	10
13295349	PO5041A	Karmali selective medium	10
10473673	PO5072A	Legionella BCYE medium	10
10391783	PO5028A	Legionella BCYE without L-cysteine	10
10403843	PO5074A	Legionella GVPC selective agar	10
10158492	PO5026A	Listeria selective agar (Oxford)	10
10473663	PO5027A	Mannitol salt agar, Chapman	10
15480861	PO1228A	MRS (ISO) medium	10
13235349	PO5007A	Mueller Hinton agar	10
13225349	PO5004A	Neisseria selective medium 'Plus'	10
10290003	PO5104A	Palcam Listeria selective medium	10
13255349	PO5013A	Plate count agar (APHA)	10
15225862	PO5173A	Plate count agar, sugar free	10
10474203	PO5132A	Pseudomonas CFC selective agar	10
10736793	PO5149A	R2A agar	10
11913672	PO1166A	Sabouraud dextrose agar pH 5.6 (EP/USP/JP/BP)	10
13265349	PO5022A	Salmonella-Shigella (SS) agar	10
10649824	PO5012A	Tryptone soya agar	10
10362223	PB5012A	Tryptone soya agar with sheep blood	10
15333118	PO5075A	Violet red bile agar	20
10537163	PO5043A	Violet red bile glucose agar	10
10671175	PO5057A	XLD medium agar	10
10302123	PO5116A	X.L.T4 medium	10
10240973	PO5032A	Yeast extract glucose chloramphenicol medium (YGC)	10
13205359	PO5044A	Yersinia selective agar CIN	10

OXOID™ BRILLIANCE CHROMOGENIC MEDIA PLATES

thermoscientific

- Detect, presumptively identify, and screen samples for pathogenic and non-pathogenic organisms with speed and accuracy using these chromogenic media
- Colourful, easy-to-read colonies and short incubation times enable timely and important decision-making for both clinical and food testing laboratories
- The chromogens used in Brilliance™ chromogenic media ensure that colony colours are vivid, allowing rapid, easy differentiation and presumptive identification of the organism in question
- Depending on media type, these are available in both dehydrated and ready-to-use formats

Cat. No	Alt. No	Product type	Pack qty
13255369	PO51704	Brilliance™ Candida agar ready-poured plates	10
13205349	PO12264	Brilliance™ CRE agar ready-poured plates	10
11974102	PO5302A	Brilliance™ ESBL agar ready-poured plates	10
15138824	PO5320A	Brilliance™ GBS agar ready-poured plates	10
13265369	PO5310A	Brilliance™ MRSA 2 agar ready-poured plates	10
10433863	PO5098A	Brilliance™ Salmonella agar ready-poured plates	10
13205369	PO5120A	Brilliance™ UTI agar ready-poured plates	10
11924112	PO51175A	Brilliance™ VRE agar ready-poured plates	10

OXOID™ DEHYDRATED CULTURE MEDIA

thermoscientific

- From a comprehensive range of dehydrated general purpose, enrichment, selective and differential media, diluents and supplements
- Rigorous quality standards have made Oxoid™ a preferred supplier and trusted source of prepared media to laboratories all around the world
- All dehydrated media products are tested for quality and performance before, during, and after manufacturing
- Information provided here is intended only as an aid to purchasing. When making up media, please, refer to the relevant instructions for use
- All products are for *in vitro* research purposes only

Cat. No	Alt. No	Product type	Pack qty
12721680	CM1127B	Baird-Parker egg yolk agar (ISO)	500g
10026452	CM0961B	Baird-Parker RPF agar base	500g
11934102	CM1136B	Brain heart infusion agar	500g
11934112	CM1092B	Brilliance™ Salmonella agar base	500g
10301103	CM1049B	Buffered peptone water (ISO)	500g
10612065	CM0935B	Campylobacter Karmali agar base	500g
11983422	CM0119B	Charcoal agar base (Bordetella selective medium)	500g
10600145	CM0301B	CLED (Cystine-Lactose-Electrolyte Deficient) medium	500g
10188142	CM0331B	Columbia blood agar base (CNA Staph/Strep) selective agar	500g
10760714	CM0895B	Fraser broth base	500g
10710564	CM0419B	Hektoen enteric agar	500g
10671665	CM0655B	Legionella CYE agar base	500g
10381583	CM0856B	Listeria selective Oxford agar base	500g
10096012	CM0085B	Mannitol salt agar (Chapman) medium	500g
13295949	CM1153B	MRS (De Man, Rogosa, Sharpe) (ISO) agar	500g
10452453	CM0337B	Mueller-Hinton agar	500g
10681675	CM0405B	Mueller-Hinton broth	500g
10769413	CM0929B	MYP agar base	500g
10219252	CM0003B	Nutrient agar, general purpose	500g
10056352	CM0877B	PALCAM agar base	500g
10331433	CM0325B	Plate count agar	500g
10157992	CM0559B	Pseudomonas agar base (CFC formulation)	500g
10681865	CM0437B	Schaedler anaerobe agar	500g
10650705	CM0099B	SS (Salmonella-Shigella) agar	500g
10137562	CM0131B	Tryptone soya (soybean casein digest) agar	500g
10790534	CM0107B	Violet red bile (lactose) agar	500g
10517673	CM1061B	XLT-4 agar	500g
10482643	CM0653B	Yersinia selective (CIN) agar base	500g

OXOID™ PREPARED BOTTLED MEDIA

thermoscientific

- Oxoid™ offer a comprehensive range of quality assured, ready-to-use bottled media in a range of formats including Sirops, tubes, vials and bijous
- A wide range of general purpose media, specialist pharmaceutical media, diluents, water and peptones are available as broths or agar slopes
- Eliminates the time-consuming processes of in-house media preparation and quality control
- Manufactured from Oxoid™ dehydrated culture media
- All products are for *in vitro* research purposes only
- N.B. Actual fill volumes may be less than bottle size indicated

Cat. No	Alt. No	Product type	Pack qty
12756959	BO1230D	Brain heart infusion broth, Universal bottle	24 x 9mL
12648805	TV5090E	Brain heart glucose bouillon, tube with screw cap	50 x 10ml
11962632	BO0201Z	Buffered peptone water, Sirop screw cap bottle	10 x 125mL
11933152	TV5013D	Buffered peptone water, tube with screw cap	50 X 9mL
11906448	BO1035M	Glucose chloramphenicol agar, Sirop screw capped bottle	10 x 100mL
13265469	BO0350S	Half Fraser broth, Sirop screw capped bottle	10 x 250mL
15304885	BO1300R	MRS(ISO) agar, Sirop screw capped bottle	10 x 250mL
13275439	BO0263M	PCA agar, Sirop screw capped bottle	10 x 100mL
12583946	BO1121E	RVS enrichment broth MLT (EP/USP/JP/BP), universal bottle	24 x 10mL
13245459	BO1155M	Sabouraud dextrose agar pH 5.6 (EP/USP/JP/BP), Sirop screwcap bottle	10 X 125mL
12894122	BO0330M	Tryptone soya agar, Sirop screw cap bottle	10 x 125mL
13225449	BO0455M	Violet red bile agar, Sirop screw cap bottle	10 x 125mL
12628805	BO0197R	Violet red bile glucose agar, Sirop screw cap bottle	10 x 200mL

OXOID™ SELECTIVE MEDIA SUPPLEMENTS

thermoscientific

- From a comprehensive range of general purpose media supplements and organism-selective media supplements designed to complement the Oxoid™ primary culture and diagnostic media base range
- Rigorous quality standards have made Oxoid™ a preferred supplier and trusted source of prepared media to laboratories all around the world
- All products are tested for quality and performance before, during, and after manufacturing
- Information provided here is intended only as an aid to purchasing. When making up media, please, refer to the relevant instructions for use
- All products are for *in vitro* research purposes only

Cat. No	Alt. No	Product type	Pack qty
11404179	SR0099E	Polymyxin B supplement (Bacillus cereus selective), 50000IU\vial for 500mL medium	10 vials
11474159	SR0082E	Cephalexin (Bordetella selective) supplement, for 500mL medium	10 vials
11434179	SR0103E	C-F-C supplement (Pseudomonas selective), for 500mL medium	10 vials
10481743	SR0054C	Egg yolk tellurite emulsion, for Baird-Parker egg yolk media	100mL
11484209	SR0166E	Half Fraser broth supplement (for Listeria spp.), for 225mL medium	10 vials
10200013	SR0050C	Horse blood, defibrinated	100mL
11404219	SR0167E	Karmali selective supplement (Campylobacter selective), for 500mL medium	10 vials
11494179	SR0110A	BCYE supplement (for isolation of Legionellaceae), for 100mL medium	10 vials
13285379	SR0110C	BCYE supplement (for isolation of Legionellaceae), for 500mL medium	10 vials
11973242	SR0175A	BCYE supplement without L-cysteine (for Legionella confirmation), for 100mL medium	10 vials
11414209	SR0152E	GVPC selective supplement (Legionella selective), for 500mL medium	10 vials
11414199	SR0140E	Listeria selective supplement, for 500mL medium	10 vials
11494199	SR0150E	PALCAM supplement (Listeria selective), for 500mL medium	10 vials
10681515	SR0122A	RPF supplement, for use with Baird-Parker agar base (RPF) only	10 vials
11404229	SR0194E	Salmonella selective supplement, for 500mL medium	10 vials
12967755	SR0051B	Sheep blood, defibrinated	25mL
13215519	SR0237C	XLT-4 selective supplement, for 21.7L medium	100mL
11484179	SR0109E	Yersinia selective supplement, for 500mL medium	10 vials

FITBAG™ MEDIA BAGS

thermoscientific

- Gamma-irradiated media supplied in lightweight, transparent, plastic bags
- Simply add sterile water and the medium is ready for use in less than ten minutes for dispensing through the outlet tube as required
- Segmented structure allows pre-filling with water
- Easy-to-use and cost-effective, with no need for weighing of media or sterilisation
- Quality guaranteed: compliant with ISO 11133 and ISO 7218
- Available in 2.7L, 4.5L or 9L sizes in the wider product portfolio
- Conveniently packed in space-saving flat boxes
- Unprepared FitBags can be kept for up to 24 months

Cat. No	Alt. No	Product type	Pack qty
15705483	DF1049B	FitBag™ buffered peptone water (BPW) ISO 4.5L	20 bags
15745473	DF0895B	FitBag™ half Fraser broth 4.5L	20 bags

QUICKBAG™ MEDIA BAGS

thermoscientific

- Easy-to-prepare, transparent media bags with pre-filled, separated gamma-irradiated water and media compartments
- To use, simply break the dividing seal to mix the water and medium compartments together for reconstitution in less than two minutes
- Medium is then dispensed through the outlet tube as required
- Cost and time-effective: no need for weighing of media or sterilisation
- Reduced contamination risk
- QuickBags are available in 2.7L and 4.5L sizes in the wider product portfolio
- Unprepared QuickBags can be kept for up to 24 months

Cat. No	Alt. No	Product type	Pack qty
15765493	DQ1049B	QuickBag™ buffered peptone water (BPW), ISO	2 x 4.5L
15725493	DQ0895B	QuickBag™ half Fraser broth	2 x 4.5L

ELECTROTHERMAL™ BUNSEN RADIANT HEATER

Electrothermal

- An 'electric bunsen' radiant heater for heating test tubes, crucibles, beakers, etc
- The exterior remains sufficiently cool for the heater to be held in the hand by the base
- Maximum temperature 800°C to 1000°C
- Height 180mm
- Outer diameter at base 120mm
- Diameter of heater opening 62mm

Cat. No	Product type	Pack qty
11728402	Radiant heater without controller	1

MSC-ADVANTAGE™ BIOLOGICAL SAFETY CABINETS

thermoscientific

- Conserve energy with these cabinets, which combine smart design and extraordinary value with best-in-class energy efficiency, reliability and usability
- Available in 90cm, 120cm, 150cm and 180cm widths
- With microprocessor control
- Large front-panel display (easily visible from seated position) provides constant readout of downflow and inflow velocities and filter usage status
- Exclusive performance factor monitoring system advises when cabinet service is needed
- Proprietary window opens to 20cm working height, 53.5cm maximum height, and easily lowers for interior cleaning
- Ergonomically angled window is sloped at 10° for better comfort and reduced operator fatigue
- Unique airflow technology and intelligent motor design dramatically improve energy efficiency, operation and serviceability; provide excellent sample protection
- SmartPort: TUV-approved, safe, clean method for vacuum tubing and cables routing method through the side wall of the biological safety cabinet
- Supply/exhaust air filter: HEPA H 14 EN 1822, 99.999% at 0.3µm particle size
- Front-accessible components allow for quick change-outs of HEPA filters and other components
- Quiet operation

Cat. No	Product type	Pack qty
11762997	MSC Advantage 0.9m	1
10795194	MSC Advantage 1.20m	1
11752997	MSC Advantage 1.50m	1
10445753	MSC Advantage 1.80m	1
Accessories		
10603955	Adjustable stand 750-950mm for 0.9m cabinet	1
10171813	Adjustable stand 750-950mm for 1.20m cabinet	1
10294014	Adjustable stand 750-950mm for 1.50m cabinet	1
10690394	Adjustable stand 750-950mm for 1.80m cabinet	1
10019982	UV lamp, factory-installed	1

HERAGUARD™ ECO CLEAN BENCH LAMINAR FLOW CABINETS

thermoscientific

- Heraguard ECO clean benches provide high performance with optimised efficiency, safety and functionality
- Ideal for laboratory applications where sample protection is required
- Available in a range of widths
- Complies with EN 61010-1: 2011, EN 61326:2006
- Low energy consumption
- Transparent side windows made of safety glass with access port for tubing or a media tap
- Standard melamine work top or optional stainless steel
- Intuitive control panel displays safety and performance data
- Easy maintenance: prefilter on the intake side can by changed without tools
- Optional UV disinfection light

Cat. No	Product type	Pack qty
15128902	Heraguard ECO 0.9m width	1
15158902	Heraguard ECO 1.20m width	1
15148902	Heraguard ECO 1.50m width	1
15138902	Heraguard ECO 1.80m width	1
Optional accessory		
15148912	UV option, factory installed, comes with UV-resistant night cover	1

Incubation

MAXQ™ MINI 4450 INCUBATED SHAKERS

thermoscientific

- Compact benchtop incubated shakers with a small footprint
- Ideal for incubating a small number of vessels
- Clear, scratch-resistant lid allows unobstructed sample viewing
- Chamber holds up to four 1L flasks
- Temperature range: incubated 5°C above ambient to 80°C
- Monitor and control chamber temperature range with ±0.1°C accuracy at 37°C
- Triple eccentric drive handles heavy loads, uniform agitation and continuous 24-hour operation, even at high speeds
- Overtemperature safety feature
- Interlock stops platform when lid is opened
- Exterior dimensions (l x w x h): 691mm x 358mm x 401mm
- Ideal for cell or microbial culture, solubility studies, extraction procedures, protein expression and many other applications
- For a complete system order a universal platform and clamps (sold separately)

Cat. No	Product type	Pack qty
10215762	MaxQ™ 4450 incubated shaker 15 to 500rpm	1
Accessories		
10369032	Universal platform (280mm x 330mm) for MaxQ™ 4450	1
12354263	Universal flask clamp kit	1

STUART™ MICROTITRE PLATE SHAKER INCUBATOR

stuart

- Designed specifically to combine a bench top laboratory incubator with the specific mixing action required for microtitre plates
- Can also be used for shaking microtubes using rack accessories
- Optimised performance to minimise sample evaporation
- Retractable platform for easy loading and unloading
- Accommodates four microtitre plates or two microtube racks
- Temperature range between ambient temperature 7°C and 60°C
- High speed operation between 250 and 1250rpm with a tight orbit of 1.5mm
- Digital LED control panel with microprocessor control for temperature and speed
- Integrated timer
- Supplied with strategically placed stainless steel water trays to maintain a humidity of up to 80%
- External dimensions (w x d x h), mm: 361 x 405 x 430
- Internal dimensions (w x d x h), mm: 307 x 300 x 190
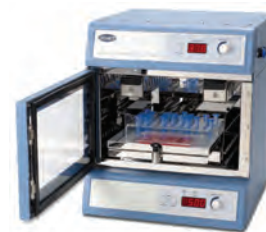
Cat. No	Product type	Pack qty
11986458	Incubator, shaking, microtitre plate, SI505	1
Accessories		
10774337	Tube rack 64 x 1.5mL	1
10470295	Tube rack 25 x 15mL	1
10784337	Tube rack 12 x 50mL	1
10794337	Tube rack 16 x 30mL	1

MAXQ™ 6000 INCUBATED STACKABLE SHAKERS

thermoscientific

- Combine orbital shaking with general purpose incubation for added versatility
- Stackable to save on valuable lab space
- Corrosion-resistant stainless-steel chamber with durable powder-coated, cold-rolled steel exterior construction
- Accepts flasks up to 6L size
- Two adjustable-height shelves provide added storage
- Speed 15 to 500rpm
- Temperature range ambient +10° to 60°C
- PID temperature controller with 0.1°C accuracy at 37°C
- Overtemperature safety feature
- Safety interlock stops shaking motion when the door is open
- Platform motion safety stop after unbalanced load
- Large viewing window and internal light allow sample visibility
- Clear LED displays
- Overal dimensions (l x w x h) 839mm x 696mm x 1029mm
- Inner chamber (l x w x h) 559mm x 530mm x 686mm
- For a complete system, order a platform and clamps (sold separately)

Cat. No	Product type	Pack qty
10449933	MaxQ™ 6000 incubated stackable shaker 15 to 500rpm	1
10798914	Universal platform (457mm x 457mm) for MaxQ™ 6000	1
Accessories		
12354263	Universal flask clamp kit	1

STUART™ MINI MICROTITRE PLATE SHAKERS

stuart

- Designed for the mixing of microtitre plates or microcentrifuge tubes
- High speed combined with a tiny orbit creates the vigorous vibrational shaking action required for mixing small volumes
- Can accommodate and mix four plates simultaneously
- Small footprint is ideal for placement inside CO_2 incubators
- Supplied with a highly effective non-slip mat
- Digital selection of variable speed from 250 to 1250rpm in 10rpm increments
- Built-in digital timer or continuous operation
- A choice of three accessory tube holders is also available, designed to accommodate 1.5mL, 0.5mL and 0.2mL microcentrifuge tubes
- Dimensions (w x d x h) 240mm x 300mm x 160mm

Cat. No	Product type	Pack qty
11486608	Stuart™ mini microtitre plate shaker SSM5	1
Accessories		
11496608	Tube holder for 0.2mL tubes	1
12944025	Tube holder for 0.5mL tubes	1
12693335	Tube holder for 1.5mL tubes	1

OXOID™ ANAEROJAR™

thermoscientific

- The Oxoid™ AnaeroJar™ is an anaerobic environmental system for microbiology
- Comes complete with 2.5L capacity polycarbonate jar base and lid secured to the base by four self-venting clips
- Designed for use with the 2.5L AnaeroGen™ or CampyGen™ gas generation sachets, and will hold up to 12 standard Petri dishes
- No catalyst required
- Lid incorporates carrying handle and vacuum release feature
- Plate carrier included

Cat. No	Pack qty
10219202	1

OXOID™ ANAEROBOXES™

thermoscientific

- Rectangular clear plastic boxes for anaerobic incubation
- Lightweight yet robust
- 2.5L capacity, and can hold up to twelve standard 90mm petri dishes, or 21 x 55mm dishes
- Polycarbonate lid is secured firmly in place by four clips that make it easy to open and close
- Dimensions 100 x 130 x 190mm
- Stackable
- Use in conjunction with atmosphere generation products such as Oxoid™ Anaerogen™ or CO$_2$Gen™ sachets

Cat. No	Pack qty
15444113	1

OXOID™ ANAEROBIC JARS

thermoscientific

- For anaerobic microbiological incubation
- Holds up to 15 standard petri dishes
- Supplied as a complete system, including a 3.5L capacity polycarbonate jar, O-ring, self-centering cast lid and clamp, input and output Schrader valves, automatic safety valve, pressure gauge, Oxoid™ low temperature catalyst and plate carrier
- For connection to a vacuum pump and gas cylinder, Schrader valve chucks and clips are also required

Cat. No	Pack qty
10700534	1

OXOID™ ANAEROGEN™ GAS SACHETS

thermoscientific

- Anaerobic atmosphere generation sachets, which produce anaerobic conditions rapidly, simply and safely
- No water or catalyst required (except at low temperature, catalyst supplied)
- No hydrogen gas produced
- To be used in conjunction with Oxoid™ anaerobic jars
- Each sachet reduces oxygen level in the jar to below 1% within 30 minutes
- Sachets generate carbon dioxide levels to between 9% and 13%
- Active component is ascorbic acid

Cat. No	Product type	Pack qty
10269582	AnaeroGen™ 2.5L sachets	10
10526343	AnaeroGen™ 3.5L sachets	10

OXOID™ CAMPYGEN™ SACHETS

thermoscientific

- Sachets for the production of gaseous atmospheres suitable for the growth of microaerophilic microorganisms
- No water or catalyst required
- No hydrogen gas produced
- For use with Oxoid™ AnaeroJars™ or compact plastic pouches

Cat. No	Product type	Pack qty
10108012	CampyGen™ 2.5L sachets for 2.5L jars	10
10729393	CampyGen™ 3.5L sachets for 3.5L jars	10
10689374	CampyGen™ compact sachets for compact plastic pouches	20

OXOID™ CO$_2$GEN™ SACHETS

thermoscientific

- Produces suitable conditions for organisms which require or grow better in a carbon dioxide enriched atmosphere
- The paper sachet contain ascorbic acid which reacts with air to produce a level of approximately 6% carbon dioxide
- Final concentration of oxygen is approximately 15%
- No catalyst required
- No hydrogen gas produced
- For use with Oxoid™ AnaeroJars™ or compact plastic pouches

Cat. No	Product type	Pack qty
10259532	CO$_2$ Gen™ sachets 2.5L, for use with 2.5L jars	10
10565953	CO$_2$ Gen™ compact, for use in plastic pouches	20

OXOID™ RESAZURIN ANAEROBIC INDICATOR STRIPS

thermoscientific

- Indicator strips specially for use with Oxoid™ anaerobic jars
- Comprises fabrics strips soaked in a solution containing resazurin, enclosed in a small sachet
- Strips turn pink when sachets are opened but then fade to white as anaerobiosis is gradually achieved
- Improved sensitivity to detect lower levels of oxygen than has previously been achievable
- Strips are held in place by a clip provided on the jar plate holder

Cat. No	Product type	Pack qty
10371053	Oxoid™ resazurin anaerobic indicator strips	100

HERATHERM™ COMPACT MICROBIOLOGICAL INCUBATORS

*thermo*scientific

- Occupies minimal benchtop space for space restricted lab areas
- Designed for microbiological incubations
- Conveniently stackable without the need for tools or stacking kits
- Incubators are supplied with two shelves, with easy to remove 'One Click' system
- Temperatures at or below ambient: 17°C to 40°C
- High temperature accuracy and uniformity
- Alarm in case of temperature deviations
- Easy-to-use interface and display
- Internal light and window in door facilitates sample observation
- Easy to clean interior with rounded corners

Cat. No	Model	Capacity, L	Dimensions, external (w x d x h), mm	Dimensions, internal (w x d x h), mm	Power rating, W	Pack qty
10699640	IMC18	18	260 x 470 x 415	180 x 290 x 310	45	1

HERATHERM™ GENERAL PROTOCOL MICROBIOLOGICAL INCUBATORS

*thermo*scientific

- Perform a range of general applications with these general protocol incubators
- Gravity convection provides gentle air flow and minimal drying out
- Temperature range from ambient 5° to 75°C
- Temperature uniformity of ±0.6°C (measured at 37°C)
- Temperature stability of ±0.2°C (measured at 37 °C)
- Corrosion-resistant stainless-steel chamber (AISI 430)
- Intuitive user interface for setting temperature
- Large, easy to read vacuum fluorescent display
- Internal glass door allows sample viewing without impacting temperature
- Exceptionally small footprint
- Conveniently stackable
- Efficient utilisation of interior with flexible shelf system
- Incubators are supplied with two shelves, but can accommodate up to 16 depending on model
- Additional shelves available as optional extras

Cat. No	Model No	Capacity, L	Dimensions, external (w x d x h), mm	Dimensions, internal (w x d x h), mm	Power rating, W	Pack qty
10529070	IGS60	75	530 x 565 x 720	354 x 414 x 508	300	1
10839810	IGS100	117	640 x 565 x 820	464 x 414 x 608	520	1
10744262	IGS180	194	640 x 738 x 920	464 x 589 x 708	710	1
12625306	IGS400	400	778 x 1545 x 770	544 x 1305 x 569	1200	1
12635306	IGS750	750	1261 x 1545 x 770	1004 x 1307 x 569	1500	1

Accessories

Cat. No	Product type	Pack qty
10841481	Stainless steel perforated shelf plus two shelf supports for IGS60	1
10784222	Stainless steel perforated shelf plus two shelf supports for IGS100	1
10600601	Stainless steel perforated shelf plus two shelf supports for IGS180	1
10811311	Support stand with casters for IGS60	1
10304130	Support stand with casters for IGS100	1
10724602	Support stand with casters for IGS180	1
10784022	Stacking kit for IGS60	1
10801311	Stacking kit for IGS100	1
10019729	Stacking kit for IGS180	1

NATURAL CONVECTION INCUBATORS, SINGLEDISPLAY

memmert Experts in Thermostatics

- A range of laboratory incubators ideal for all applications requiring temperatures of up to +80°C, including critical incubations at +37°C
- Models available either with natural convection or forced air circulation in the full product portfolio
- Sizes from 30L to 750L with two model variants SingleDISPLAY and TwinDISPLAY in the full product portfolio
- A wide range of options for programming and documentation using interfaces, integrated data logger and AtmoCONTROL software
- Working chamber and housing constructed almost exclusively use of high-quality, corrosion-resistant and easily cleanable stainless steel
- Double doors (interior glass, exterior stainless steel) for a clear view without dropping the temperature
- IN30\55 models supplied as standard with one electropolished stainless steel shelving grid, other models with two

Cat. No	Model No	Temp. range	Capacity, L	Max. no grids	Pack qty
12885873	IN30 SingleDISPLAY	5-80°C	32	3	1
12895873	IN55 SingleDISPLAY	5-80°C	53	4	1
12805883	IN75 SingleDISPLAY	5-80°C	74	6	1
12815883	IN110 SingleDISPLAY	5-80°C	108	5	1
12825883	IN160 SingleDISPLAY	5-80°C	161	8	1
12835883	IN260 SingleDISPLA	5-80°C	256	9	1

HERATHERM™ IMP REFRIGERATED INCUBATORS WITH PELTIER TECHNOLOGY

*thermo*scientific

- Advanced incubation with precision in temperature, increased energy efficiency, and ease of usability
- Available in two sizes: a benchtop model of 178L and a floor model with casters of 381L
- Temperature range +5°C to +70°C and stability ≤ ±0.1°C
- Internal glass door for easy viewing of samples and access port as standard
- Programmable controller with timer function and over-temperature alarm
- Stainless steel interior and rounded corners for easy cleaning
- Flexible shelf system for optimal loading: supplied with two shelves as standard, accommodates nine maximum

Cat. No	Model	Capacity, L	Pack qty
15608540	Heratherm IMP180	178	1
15618540	Heratherm IMP400	381	1

ISOTEMP™ DIGITAL DRY BATH/ BLOCK HEATERS

*fisher*brand

Fisherbrand™ Isotemp digital dry baths/block heaters offer a range of configurations with interchangeable modular blocks for a variety of application needs. Designed for basic to advanced applications with a maximum temperature of 130°C, a timer and available in 1, 2 or 4 block sizes in the full product portfolio.

- Digital controls and display of time and temperature
- Advanced internal temperature sensing probe for outstanding temperature accuracy and control
- Precise temperature control with PID circuit
- Temperature calibration enables to offset the temperature to desired value
- Timer allows the user to accurately monitor the heating time
- Wide range of interchangeable aluminium alloy heat blocks provide versatility and allow for easy cleaning and disinfecting
- Powder-coated steel body construction ensures durability
- Built-in over-temperature protection device warrants sample and user safety
- Unit is supplied complete with block(s), additional block options also available

Cat. No	Block number	Dimensions (h x w x l), mm	Temperature range	Time to max temperature	Pack qty
15397928	Two	100 x 200 x 318	Ambient +5° to 130°C	≤ 20 min. 30° to 130°C	1

Counting and identification

DRYSPOT™ *E. COLI* SEROCHECK LATEX TEST KITS

thermoscientific

- A range of quick and simple diagnostic tests to help save time in the laboratory and improve workflow
- Oxoid DrySpot™ tests are latex agglutination reaction cards for culture confirmation of various *E. coli* serogroups
- Rapid results facilitate sample management and rapid reporting of sample result
- Accurate, high quality give confidence in the result
- Well established portfolio comprising reliable, repeatable tests which provide further user confidence
- Easy to use - can be used by relatively inexperienced personnel
- DrySpot™ tests have blue latex particles sensitised with non-reactive rabbit globulins dried onto the test card which provide the control reaction zone

Cat. No	Alt. No	Product type	Type of bacteria	Pack qty
11953472	DR0310M	DrySpot™ *E. coli* Serocheck O26 latex test kit	*E. coli*	15 tests
11963472	DR0320M	DrySpot™ *E. coli* Serocheck O91 latex test kit	*E. coli*	15 tests
11913472	DR0330M	DrySpot™ *E. coli* Serocheck O103 latex test kit	*E. coli*	15 tests
11943832	DR0340M	DrySpot™ *E. coli*Serocheck O111 latex test kit	*E. coli*	15 tests
11953832	DR0350M	DrySpot™ *E. coli* Serocheck O128 latex test kit	*E. coli*	15 tests
11943472	DR0360M	DrySpot™ *E. coli* Serocheck O145 latex test kit	*E. coli*	15 tests
11963832	DR0300M	DrySpot™ *E. coli* Seroscreen latex test kit	*E. coli*	60 tests

DRYSPOT™ LEGIONELLA LATEX AGGLUTINATION TEST KITS

thermoscientific

- A range of quick and simple diagnostic tests to help save time in the laboratory and improve workflow
- Oxoid DrySpot™ tests are latex agglutination reaction cards
- For the differentiation of predominant Legionella species isolated either from samples with suspected Legionellosis or from environmental sources
- Tests allows separate identification of Legionella pneumophila serogroup 1, serogroups 2 to 14 and 7 other Legionella species that have been implicated in disease
- Rapid results facilitate sample management and rapid reporting of sample result
- Accurate, high quality give confidence in the result
- Well established portfolio of reliable, repeatable tests which provide further user confidence
- Easy to use - can be used by relatively inexperienced personnel
- DrySpot™ tests have blue latex particles sensitised with non-reactive rabbit globulins dried onto the test card which provide the control reaction zone

Cat. No	Alt. No	Product type	Type of bacteria	Pack qty
11479868	DR0200M	DrySpot™ Legionella pneumophila Serogroup 1 latex agglutination test	Legionella	60 tests
11489868	DR0210M	DrySpot™ Legionella pneumophila Serogroup 2-14 latex agglutination test	Legionella	60 tests
11499868	DR0220M	DrySpot™ Legionella Species latex agglutination test	Legionella	60 tests

RAPID LATEX AGGLUTINATION TEST KITS FOR SPECIES CONFIRMATION

thermoscientific

These cost-effective Oxoid™ and Remel™ diagnostic tests and sera for species confirmation provide you reliable and actionable results every time. Latex agglutination products employ tried and tested traditional microbiology techniques suitable for most microbiology laboratories. The tests are simple, easy to use, and accurate.

Cat. No	Alt. No	Product type	Pack qty
10464173	DR1126A	Oxoid™ Listeria test kit	100 tests
10557473	DR1108A	Oxoid™ Salmonella test kit	100 tests
15328055	DR0155M	Oxoid™ Campylobacter test kit	50 tests
10463983	DR1107A	Oxoid™ Clostridium difficile test kit	50 tests
11974042	R30851501	Remel™ Cryptococcus antigen test kit, latex	50 tests
11424109	R30959501	Remel™ Wellcolex™ E. coli O157	50 tests
11944042	R30959601	Remel™ Wellcolex™ E. coli O157:H7	50 tests

RAPID™ MICROBIOLOGICAL IDENTIFICATION PANELS

thermoscientific

RapID™ systems are a complete line of cost-effective manual identification panels for a broad spectrum of microorganisms. RapID™ panels offer easy, one-step, simultaneous inoculation of dehydrated reactants in tray wells to identify anaerobes, coryneform gram-positive bacilli, enterics, nonfermenters, streptococci, and yeast all within four hours. Panels are ideal for manual testing or as confirmation for automated test systems.

- Rapid, accurate identification of over 400 medically important organisms
- Simple, one-step inoculation
- Four-hour aerobic incubation
- Easy-to-read colour reactions
- Extensive support with ERIC™ electronic compendium

Cat. No	Alt. No	Product type	Pack qty
11454139	R8311001	RapID™ NH System	20 tests
11464139	R8311002	RapID™ ANA II System	20 tests
11474139	R8311003	RapID™ STR System	20 tests
13225619	R8311004	RapID™ SS/u System	20 tests
11484139	R8311005	RapID™ NF PLUS System	20 tests
11494139	R8311006	RapID™ ONE System	20 tests
11404149	R8311007	RapID™ YEAST PLUS System	20 tests
13245619	R8311008	RapID™ CB PLUS System	20 tests
13255619	R8311009	RapID™ STAPH PLUS System	20 tests

PATHODXTRA™ STREP GROUPING KITS

thermoscientific

- A range of quick and simple diagnostic tests to help save time in the laboratory and improve workflow
- PathoDxtra™ are rapid latex agglutination tests for identification of ß-haemolytic streptococci of Lancefield Groups A, B, C, D, F and G from primary culture plates
- Eliminates need for incubation and provides a faster strep grouping solution than more traditional enzyme extraction
- Rapid results facilitate sample management and rapid reporting of sample result
- Accurate, high quality give confidence in the result
- Well established portfolio of reliable, repeatable tests which provide further user confidence
- Easy to use - can be used by relatively inexperienced personnel
- DrySpot™ tests have blue latex particles sensitised with non-reactive rabbit globulins dried onto the test card which provide the control reaction zone

Cat. No	Alt. No	Product type	Pack qty
12846323	DR0701G	Remel™ PathoDxtra™ Strep Group A latex kits	60 tests
12876323	DR0702G	Remel™ PathoDxtra™ Strep Group B latex kits	60 tests
12886323	DR0703G	Remel™ PathoDxtra™ Strep Group C latex kits	60 tests
12806333	DR0704G	Remel™ PathoDxtra™ Strep Group D latex kits	60 tests
12846333	DR0705G	Remel™ PathoDxtra™ Strep Group F latex kits	60 tests
12886333	DR0706G	Remel™ PathoDxtra™ Strep Group G latex kits	60 tests

OXOID™ ANTIMICROBIAL SUSCEPTIBILITY DISCS

thermoscientific

- Determine the susceptibility of microorganisms with these high-quality, easy-to-use antimicrobial susceptibility testing (AST) discs
- Disc diffusion not only categorises resistant, intermediate and sensitive organisms through quantitative results but also provides a visual indication of inoculum level, presence of contamination, resistant mutants, beta-lactamase activity and antagonism and synergy between antibiotics
- Ease-of-use is provided by shatterproof spring-loaded cartridges, easy-to-read labeling and end-of-cartridge indicators
- Each cartridge is individually sealed with a desiccant to maintain low moisture levels
- Supplied as packs of five cartridges, each cartridge containing 50 discs (250 discs in total)

Cat. No	Alt. No	Product type	Pack qty
11903972	CT0052B	Trimethoprim/sulfamethoxazole 1:19 25µg	250
10538623	CT0024B	Gentamicin 10µg	250
10351253	CT0425B	Ciprofloxacin 5µg	250
10671655	CT0003B	Ampicillin 10µg	250
11983042	CT0523B	Mupirocin 200µg	250
11963872	CT0054B	Tetracycline 30µg	250
10700724	CT0223B	Amoxycillin/clavulanic acid 30µg	250
10056382	CT0127B	Cefuroxime sodium 30µg	250
10148102	CT0434B	Norfloxacin 10µg	250
11944022	CT0119B	Cefoxitin 30µg	250

M.I.C.E.™ MINIMUM INHIBITORY CONCENTRATION EVALUATOR STRIPS

*thermo*scientific

- Strips for determination of Minimum Inhibitory Concentration (MIC) values of antibiotics
- Distinctive gradient format provides excellent contrast with the agar
- Provide a gradient of stabilised antimicrobial covering 15 doubling dilutions that conform to international standards (CLSI and ISO)
- Increased font size makes reading easier
- Strips are tailored to meet clinical requirements while maintaining the accuracy required for research
- Convenient single-strip packaging such that the strip is conveniently presented when the sachet is peeled apart
- Desiccant included within each sachet for extra stability
- Easily stackable boxes simplify storage at 2 to 8°C
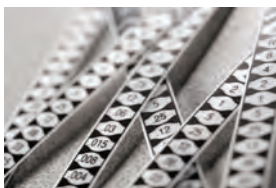
Cat. No	Alt. No	Product type	Concentration gradient	Pack qty
11464019	MA0104F	Ciprofloxacin M.I.C.E.™ strips	32-0.002µg/mL	250
11484029	MA0110F	Ampicillin M.I.C.E.™ strips	256-0.015µg/mL	250
11424019	MA0102F	Vancomycin M.I.C.E.™ strips	256-0.015µg/mL	250
11404049	MA0116F	Gentamycin M.I.C.E.™ strips	256-0.015µg/mL	250
11464039	MA0114F	Oxacillin M.I.C.E.™ strips	256-0.015µg/mL	250
11444029	MA0108F	Erythromycin M.I.C.E.™ strips	256-0.015µg/mL	250
11464029	MA0109F	Amoxycillin M.I.C.E.™ strips	256-0.015µg/mL	250
13295299	MA0125F	Daptomycin M.I.C.E.™ strips	256-0.015µg/mL	250
11404039	MA0111F	Cefotaxime M.I.C.E.™ strips	32-0.002µg/mL	250
11444019	MA0103F	Metronidazole M.I.C.E.™ strips	256-0.015µg/mL	250

CULTI-LOOPS™ READY-TO-USE QC ORGANISMS, QUALITATIVE

*thermo*scientific

- Culti-Loops™ are ready-to-use live QC organisms recommended for use in performance testing of media, stains, reagents and identification kits, and for the evaluation of bacteriological procedures
- The loop may be dissolved in liquid medium, rehydration fluid, or streaked directly onto an appropriate media
- Culti-Loops™ are individually sealed in a foil pouch and packaged five loops per pack
- The organisms used in Culti-Loops™ are derived from original ATCC stock cultures according to the number shown

*ATCC catalogue marks are trademarks of ATCC™ and are used under licence

Cat. No	Product type	Pack qty
12938858	Culti-Loops™ Bacillus subtilis ATCC™ 6633™	5
12637639	Culti-Loops™ Candida albicans ATCC™ 10231™	5
11973272	Culti-Loops™ Enterococcus faecalis ATCC™ 29212™	5
11984082	Culti-Loops™ Escherichia coli ATCC™ 25922™	5
12637669	Culti-Loops™ Escherichia coli ATCC™ 8739™	5
12998988	Culti-Loops™ Klebsiella pneumoniae subsp. Pneumoniae ATCC™ 700603™	5
11983272	Culti-Loops™ Pseudomonas aeruginosa ATCC™ 27853™	5
12905743	Culti-Loops™ Staphylococcus aureus subsp. aureus ATCC™ 25923™	5
11934082	Culti-Loops™ Staphylococcus aureus subsp. aureus ATCC™ 29213™	5
12985893	Culti-Loops™ Streptococcus pneumoniae ATCC™ 49619	5
15553407	Rehydration fluid (Alt. No R4710000) 10 x 1.2mL vials	10 vials

QUANTI-CULT PLUS™ QC ORGANISMS, QUANTITATIVE

*thermo*scientific

- This product contains a specified number of preserved microorganisms for use in quality control procedures
- No serial dilution required
- Ready for rehydration
- Eack kit comprises 10 preserved organism vials and 10 rehydration vials
- Total diluent volume per vial is 1.1mL
- Delivers <100 colony forming units (CFUs) in a single 0.1mL inoculum after rehydration
- The organisms used in Quanti-Cult PLUS™ are derived from original ATCC stock cultures according to the number shown

*ATCC catalogue marks are trademarks of ATCC™ and are used under licence

Cat. No	Product type	Pack qty
12965993	Quanti-Cult Plus™ Aspergillus brasiliensis ATCC™ 16404™	1 kit
12975993	Quanti-Cult Plus™ Bacillus subtilis ATCC™ 6633™	1 kit
12995993	Quanti-Cult Plus™ Candida albicans ATCC™ 10231™	1 kit
12926003	Quanti-Cult Plus™ Clostridium sporogenes ATCC™ 11437™	1 kit
13137876	Quanti-Cult Plus™ Clostridium sporogenes ATCC™ 19404™	1 kit
12976037	Quanti-Cult Plus™ Escherichia coli ATCC™ 8739™	1 kit
12956027	Quanti-Cult Plus™ Pseudomonas aeruginosa ATCC™ 9027™	1 kit
12976027	Quanti-Cult Plus™ Salmonella enterca subsp. enterca serovar Typhimurium ATCC™ 14028™	1 kit
12936037	Quanti-Cult Plus™ Staphylococcus aureus subsp. aureus ATCC™ 6538™	1 kit

REMEL™ GRAM STAINING KIT

*thermo*scientific

- For qualitative differentiation of Gram-positive from Gram-negative microorganisms
- Convenient, ready-to-use solutions
- Every kit comprises 250mL bottles each of crystal violet, decolouriser, iodine and safranin reagents, all held in a convenient plastic holder tray

Cat. No	Pack qty
11953492	I kit of 4 x 250mL

CELL DENSITY METERS

*fisher*brand

- A robust, easy to use cell meter dedicated to the measuring of the density of cells in suspension such as *E.coli*, yeast and other cell cultures
- Single beam LED measures OD at 600nm
- Small, fully portable with rechargeable battery allowing it to be taken to where the cell cultures are growing, for example in incubation cabinets, under anaerobic conditions or even in a fume hood
- Long lifetime LED source with little maintenance needed
- Easy to use, clean and sterilise
- Stores up to 99 results to download later

Cat. No	Product type	Pack qty
11899283	Cell density meter	1
Accessories		
11731527	Spreadsheet interface software	1
11741527	Tube adapters, 1 x 10mm and 1 x 12mm	2

ECOUNT™ COLONY COUNTER

fisherbrand

- Combines a multi-function electronic counter together with an integral fine-point 'Sharpie™' pen for marking to prevent missing or double-counting colonies
- Light, ergonomic body that is balanced for easy manipulation
- Different coloured marker pens can be easily changed for marking versatility
- Verifies each count with either a beep or LED flash
- First count up, then count down to verify accuracy
- Displays the total of all counts (keep up to 32 separate counts in memory)
- Counter can be disabled if necessary to save battery
- Includes weighted stand

Cat. No	Pack qty
15253305	1

COLONYDOC-IT COLONY COUNTER

UVP
An Analytik Jena Company

- The ColonyDoc-It system is designed to capture and analyse colony plate images
- High resolution digital colour camera
- User can control the camera settings directly from a PC attached to the system
- The ColonyDoc-It software provides a choice of automatic, semi-automatic and manual colony counting
- Software allows colonies to be colour differentiated, or else split/merged and grouped by size or other factors
- The plate alcove can accommodate Petri dishes or plates between 33mm and 150mm diameter
- Compact bench footprint
- Lighting options included are blue and white light from above, darkfield side lighting or white light from below

Cat. No	Pack qty
12842939	1

STUART™ COLONY COUNTER, SC6 PLUS

stuart

- Registers a cumulative count on the digital display with touch pressure from felt tip marker on Petri dish, confirmed by an audible tone (which can be disabled if required)
- Supplied with two Wolffhuegel graticules and dish centering adapters to facilitate use with 50mm to 90mm Petri dishes
- Sub-stage illumination by low energy bright LEDs allows glare-free optimum viewing
- Choice of light or dark background
- Connectivity to printer or computer for analysis
- A choice of magnifiers and a printer are available as optional accessories
- With BioCote™ antimicrobial protection

Cat. No	Product type	Pack qty
11983044	Colony counter, SC6 Plus	1
Accessories		
11446508	Magnifying lens 1.7X for SC6 Plus	1
12088183	Magnifying lens 3X for SC6 Plus	1

SPECTROPHOTOMETER, JENWAY™ 7200 VISIBLE SCANNING

JENWAY

Benefit from diode array technology for fast results with this visible scanning spectrophotometer. The Jenway™ 7200 is ideal for a variety of applications in education and routine testing in clinical, veterinary, pharmaceutical and QC laboratories.
- Fitted with a single 10 x 10mm cuvette holder
- Visible wavelength range 335-900nm
- Scanning diode array technology
- 10cm colour touchscreen navigation
- Small footprint and lightweight
- Fast scan speed
- Dimensions (l x w x h) 212mm x 422mm x 120mm
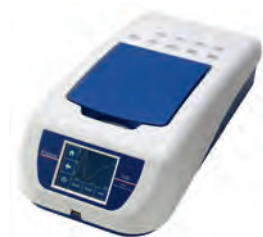
Cat. No	Pack qty
15552026	1

SPECTROPHOTOMETER, JENWAY™ 7205 UV\VISIBLE SCANNING

JENWAY

Benefit from diode array technology for fast results with this UV\visible scanning spectrophotometer. The Jenway™ 7205 is ideal for a variety of applications in education and routine testing in clinical, veterinary, pharmaceutical and QC laboratories.
- Fitted with a standard single 10 x 10mm cuvette holder
- Optional long path length cuvette holder and heated 10x10mm cuvette holder for thermostated measurements at 37°C
- UV\Visible wavelength range 198nm to 800nm
- Scanning diode array technology
- 10cm colour touchscreen navigation
- Small footprint and lightweight
- Fast scan speed
- Multiple USB ports for data storage and printer connectivity
- Dimensions (l x w x h) 212mm x 422mm x 120mm

Cat. No	Pack qty
15641227	1

SPECTROPHOTOMETER, UV-VIS GENESYS™ 10S

thermoscientific

- Robust and reliable UV/Vis instrument designed to be easy to programme and easy to use
- Utilises a high-intensity long-life xenon flash lamp and dual-beam optical geometry to deliver unsurpassed data quality
- Single and multi-sampling capability as standard
- Small footprint
- USB outputs for data export
- Wavelength range 190nm to 1100nm
- Rapid acceleration through wavelength scans
- Spectral bandwidth: 1.8nm

Cat. No	Pack qty
12104972	1

NOVASPEC PRO SPECTROPHOTOMETER

biochrom

- Designed for use in general biotech laboratories for basic spectrophotometric measurements, and perfect for entry level use
- Rugged yet lightweight construction, with small footprint
- No lid or moving parts so easy to clean and store
- Performs measurements in absorbance, % transmission and concentration
- Includes sorted methods for Bradford, BCA, Biuret and Lowry protein quantification
- Automatic calibration at start-up
- Graphical display for viewing wavelength scans and kinetics
- The standard cell holder accepts 10mm glass or disposable plastic cuvettes and is easily removed for cleaning
- Optional test tube cell holder for 10mm to 18mm test tubes
- Optional thermostatted cell holder is also available for measurements at 37°C
- Wavelength range 325nm to 1100nm
- Powerful onboard software for viewing and analysing data, plus USB connectivity for data export
- PVC (Print Via Computer) software is included

Cat. No	Pack qty
15591166	1

MICROSCOPES, AX-500 SERIES FOR RESEARCH

fisherbrand

With a choice of optical objectives and optical heads, this series of Fisherbrand research microscopes with 'cool light' LED illumination is designed to meet everyday microscopy needs in the lab

- Choice of optical objectives achromat or plan achromat, with a wide range of magnification: 4x, 10x, 40x, 100x
- Choice of optical heads in the full product portfolio: monocular, binocular or trinocular (permits attachment of a digital camera)
- Ergonomically designed professional frame with low position coaxial focusing allows one handed operation, making extended use comfortable
- Adjustable 3W LED illumination with intensity control
- Built-in low drive mechanical stage with extended post for X and Y control (135mm x 140mm)
- 18mm eyepieces with rubber eyeshields
- 30° inclined ergonomic Siedentopf viewing heads
- All models are supplied with universal power adapter

Cat. No	Optical head type	Objective type	Pack qty
15348834	Monocular head	Plan	1
15388824	Monocular head	Achromat	1
15378834	Trinocular head	Plan	1
15308834	Trinocular head	Achromatic	1

CUVETTES, DISPOSABLE POLYSTYRENE

fisherbrand

- Feature excellent optical transmission range and small wall thickness for increased heat transfer
- Very low variation of extinction values
- Cavity-sorted production
- Transparency approximately 90% between 400nm and 800nm
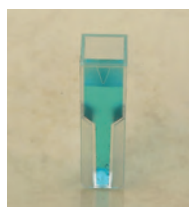
Cat. No	Material	Volume, µL	Path length, mm	Wavelength range, nm	Dimensions (h x w), mm	Pack qty
11547692	PS	1600	10	Visible 400 to 800	45 x 12.5	100
11847832	PS	1600	10	Visible 400 to 800	45 x 12.5	1000
11537692	PS	4000	10	Visible 400 to 800	45 x 12.5	100
11837832	PS	4000	10	Visible 400 to 800	45 x 12.5	1000

MICROSCOPES, STEREO ZOOM SMZ-161 SERIES

Motic

- Employing the Greenough stereoscopic optical system, Motic SMZ-161 stereomicroscopes offer exceptional performance, featuring large-scale zoom ratios of 1:6 with clear, distortion-free images and a high depth of field
- Small footprint and lightweight construction yet with robust mechanics
- Extended 110mm working distance gives sufficient space for sample manipulation
- Binocular (SMZ-161 BLED model) or trinocular heads (SMZ-161 TLED), 45° inclined, 360° rotating
- Widefield eyepieces WF10x//20mm
- Objective magnification range: 0.75x-4.5x
- Compact incident/transmitted illumination stand
- Coarse focusing system with tension adjustment
- 3W incident and transmitted LED illumination with intensity control
- Black/white and frosted glass stage plates and dust cover

Cat. No	Product type	Pack qty
15364689	Motic SMZ-161-BLED binocular zoom stereomicroscope	1
15346427	Motic SMZ-161-TLED trinocular zoom stereomicroscope	1

Storage

LABORATORY REFRIGERATORS AND FREEZERS, ES AND GPS SERIES

thermoscientific

- ES series: smaller capacity refrigerators, freezers and combination refrigerator/freezers for general purpose lab storage when lab space is limited
- GPS series: medium and larger capacity refrigerators and freezers for routine sample protection
- Integrated controllers
- Digital displays
- High and low-temperature alarms
- Standard door locks

Cat. No	Product type	Capacity, L	Dimensions, mm	Pack qty
ES series refrigerators and freezers				
12653176	ES series refrigerator, auto defrost, 230V, 50Hz	151	595 x 595 x 845	1
12643176	ES series freezer, manual defrost, 230V, 50Hz	151	595 x 595 x 845	1
12683176	ES series refrigerator, auto defrost, 230V, 50Hz	288	595 x 634 x 1570	1
12663176	ES series freezer, manual defrost, 230V, 50Hz	232	595 x 634 x 1570	1
GPS series refrigerators and freezers				
12664527	GPS series freezer, auto defrost, 230V, 50Hz	400	600 x 642 x 1822	1
12629275	GPS series refrigerator, glass door, auto defrost, 230V, 50Hz	400	600 x 642 x 1822	1
12639275	GPS series refrigerator, solid door, auto defrost, 230V, 50Hz	400	600 x 642 x 1822	1
12684527	GPS series freezer, auto defrost, 230V, 50Hz	700	700 x 817 x 1972	1
12649275	GPS series refrigerator, glass door, auto defrost, 230V, 50Hz	700	700 x 817 x 1972	1
12659275	GPS series refrigerator, solid door, auto defrost, 230V, 50Hz	700	700 x 817 x 1972	1
12908794	GPS series freezer, auto defrost, 230V, 50Hz	1400	1400 x 817 x 1972	1

REVCO™ EXF -86°C UPRIGHT ULTRA-LOW TEMPERATURE FREEZERS

thermoscientific

- These ExF Series freezers are designed for applications requiring storage from -50°C down to -86°C
- All models feature a state-of-the-art refrigeration system panel
- Heavy gauge, cold-rolled steel exterior construction with a powder coat paint finish that resists chipping and rust
- Eye-level, easy-to-use microprocessor control pane
- Five interior compartment doors to reduce cold air loss and improve temperature recovery after opening
- Ergonomic, lockable door handle
- Sturdy, solid, stainless steel shelving to support a full product load
- Foamed in-place polyurethane insulation

Cat. No	Product type	Pack qty
13458649	Freezer ExF320 490L capacity, 1979 x 846 x 988mm (h x w xd), 230V 50Hz UK\IE	1
13438649	Freezer ExF400 651L capacity, 1979 x 1036 x 988mm (h x w xd), 230V 50Hz UK\IE	1
13448649	Freezer ExF600 793L capacity, 1979 x 1189 x 988mm (h x w xd), 230V 50Hz UK\IE	1

REVCO™ UXF -86°C UPRIGHT ULTRA-LOW TEMPERATURE FREEZERS

thermoscientific

- Built specifically to protect the most critical of samples
- Outstanding thermal performance, safety and security
- Five capacity models maximize sample storage capacity with minimal footprint - store up to 118,300 vials in a single freezer!
- Innovative, touch-screen control panel for control of all freezer settings, status monitoring and user authority levels
- Rugged steel construction with a corrosion-resistant coating
- Easy to use, padlock-compatible, ergonomic door handle with integrated key lock
- Fast door opening recovery times
- Energy efficient

Cat. No	Product type	Pack qty
11379281	UxF30086V, 421L, 1980 x 686 x 955mm (h x w x d), 230V 50Hz UK\IE	1
11389281	UxF40086V, 548L, 1980 x 820 x 955mm (h x w x d), 230V 50Hz UK\IE	1
11399281	UxF50086V, 682L, 1980 x 965 x 955mm (h x w x d), 230V 50Hz UK\IE	1
11309291	UxF60086V, 815L, 1980 x 1108 x 955mm (h x w x d), 230V 50Hz UK\IE	1
11319291	UxF70086V, 949L, 1980 x 1251 x 955mm (h x w x d), 230V 50Hz UK\IE	1

FORMA™ 900 SERIES -86°C UPRIGHT ULTRA-LOW TEMPERATURE FREEZERS

thermoscientific

- Provide uncompromised protection for samples requiring -50° to -86°C storage
- Available in single or double-door models in the full product portfolio
- Designed for daily sample protection and dependability
- Rugged, heavy gauge, cold-rolled steel cabinets resist chipping and rust
- Stainless steel interior
- Centralised, eye level control panel, including microprocessor temperature control and status monitoring system
- Unique double-door to store frequently used samples in the top chamber
- Single-hand operation with easy-to-use, padlock-compatible, ergonomic door handle with integrated key lock
- Four inner doors reduce cold air loss and improve temperature recovery after closing
- Optional CO_2 or LN_2 back-up and optional chart recorder
- 127mm foamed-in-place, polyurethane insulation
- Triple-point door gasket
- 25mm access ports allow for probes or instrumentation

Cat. No	Product type	Pack qty
12636085	Forma 905 490L, Single door, 989 x 846 x 1979mm (w x d x h), EU 230V 50Hz	1
12656085	Forma 906 651L, Single door, 989 x 1036 x 1979mm (w x d x h), EU 230V 50Hz	1
12646085	Forma 907 793L, Single door, 989 x 1189 x 1979mm (w x d x h), EU 230V 50Hz	1

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FORMA™ 88000 SERIES -86°C UPRIGHT ULTRA-LOW TEMPERATURE FREEZERS

thermoscientific

- Store the most critical samples in these upright ultra-low temperature freezers, which feature outstanding safety, security and thermal performance
- Choice of five capacities with maximised sample storage whilst minimising laboratory footprint - store up to 118,300 vials in a single freezer
- Touchscreen LCD display to access settings, operating parameters and monitor current temperature status
- Save up to 15% in energy usage with energy-savings mode
- High-impact, scratch-resistant powder coat finished interior and exterior
- Help maintain cabinet temperature during openings with five polystyrene insulated inner doors
- Store up to 303kg of samples (depending on freezer model) on three reinforced, stainless steel shelves
- Compatible with remote alarm systems
- Use with probes or instrumentation via two 25mm rear access ports
- Optional LN_2 and CO_2 back-up systems

Cat. No	Product type	Pack qty
11366301	Forma™ 88300V 425L, 960 x 690 x 1980 (l x w x h), mm, EU 230V 50Hz	1
11396301	Forma™ 88400V 538L, 960 x 820 x 1980 (l x w x h), mm, EU 230V 50Hz	1
11376301	Forma™ 88500V 680L, 960 x 965 x 1980 (l x w x h), mm, EU 230V 50Hz	1
11386301	Forma™ 88600V 821L, 960 x 1110 x 1980 (l x w x h), mm, EU 230V 50Hz	1
11306311	Forma™ 88700V 949L, 960 x 1250 x 1980 (l x w x h), mm, EU 230V 50Hz	1

HERAFREEZE™ UPRIGHT ULTRA-LOW TEMPERATURE FREEZERS

thermoscientific

- For storage from -50°C to -86°C
- Protection of critical samples, with exceptional thermal performance, safety and security through state-of-the-art engineering
- Outstanding BTU (British Thermal Unit) reserve, and fast door recovery times to retain sample integrity
- Save up to 15% in energy usage with the energy savings mode (compared to high performance mode) or choose the high performance mode for applications requiring ultra-tight temperature uniformity
- Easy-to-use, touch screen interface
- Sample storage capacity: available in five sizes, excellent capacity per footprint
- 24-hour freezer monitoring, a detailed event log, and a built-in USB port enables easy downloading of reports to a portable drive

Cat. No	Product type	Pack qty
12893263	HERAfreeze™ HFU T Series -86°C freezer, 421L, 960 x 690 x 1980mm (h x w x d), 230V 50Hz NO\DE\SE\FI	1
11650823	HERAfreeze™ HFU T Series -86°C freezer, 548L, 960 x 820 x 1980mm (l x w x h), 230V 50Hz NO\DE\SE\FI	1
12304393	HERAfreeze™ HFU T Series -86°C freezer, 682L, 960 x 970 x 1980mm (l x w x h), 230V 50Hz NO\DE\SE\FI	1
11670823	HERAfreeze™ HFU T Series -86°C freezer, 815L, 960 x 1110 x 1980mm (l x w x h), 230V 50Hz NO\DE\SE\FI	1
11680823	HERAfreeze™ HFU T Series -86°C freezer, 949L, 960 x 1251 x 1980mm (l x w x h), 230V 50Hz NO\DE\SE\FI	1

LOCATOR PLUS™ LN_2 CRYOGENIC STORAGE SYSTEMS

thermoscientific

- Versatile: available in four sizes, suited for both manual and computerised inventory record-keeping methods; storage capacity up to 6000 vials
- Convenient: unique hanging rack and gridded box design allows for vial tracking and easy sample retrieval

Cat. No	Product type	Pack qty
15568813	Locator Jr, Plus, 71L, includes 4 racks, dimensions (d x h): 558mm x 683mm	1
15578813	Locator 4 Plus, 121L, includes 4 racks, dimensions (d x h): 558mm x 953mm	1
15598813	Locator 6 Plus, 184L, includes 6 racks, dimensions (d x h): 660mm x 953mm	1
15588813	Locator 8 Plus, 121L, includes 8 racks, dimensions (d x h): 558mm x 953mm	1

CRYOGENIC VIALS, POLYPROPYLENE

CORNING

- Certified RNase/DNase free and non-pyrogenic
- Silicone washer for a secure seal
- Large writing area and black graduations
- Polypropylene, withstand temperatures down to -196°C
- Sterilised by gamma radiation
- Foam rack supplied with each case
- All self-standing vials have a special base design, allowing them to be locked into the cryogenic rack and tray for single-handed manipulation
- Inner packs of 50

Cat. No	Capacity, mL	Self-standing	Thread	Pack qty
Conical bottom				
10398321	1.2	Yes	Internal	500
10504591	1.2	No	External	500
Round bottom				
10546243	2.0	Yes	Internal	250
10418571	2.0	Yes	Internal	500
10514221	2.0	Yes	External	500
10340412	2.0	No	External	500
10630122	2.0	No	Internal	500
10640122	4.0	No	External	500
10388611	4.0	Yes	Internal	500
10167051	5.0	No	External	500
10449521	5.0	Yes	Internal	500
10766292	5.0	Yes	External	500

COOLCELL™ FTS30 CELL FREEZING VIAL CONTAINERS

CORNING

- Made from uniform-density cross-linked polyethylene foam
- For 30 standard 1.0 mL to 2.0 mL cryogenic vials
- Containers are designed specially to enable controlled micro-convection for rapid and uniform freezing
- Achieves a uniform and reproducible -1°C/minute freezing profile
- Removable vial tray for one-step transfer of samples into and out of freezing chamber

Cat. No	Colour code	Accommodates	Dimensions (d x h), mm	Well diam., mm	Pack qty
15502781	Purple	30 x 1.0mL\2.0mL vials	165 x 115	127	1
15512781	Green	30 x 1.0mL\2.0mL vials	165 x 115	127	1
15522781	Orange	30 x 1.0mL\2.0mL vials	165 x 115	127	1
15532781	Pink	30 x 1.0mL\2.0mL vials	165 x 115	127	1

COOLCELL™ LX CELL FREEZING VIAL CONTAINERS

CORNING

Corning CoolCell™ LX, in combination with a -80°C freezer, will provide alcohol-free freezing at the rate of -1°C/minute ideal for cryopreservation of most cells. Using a combination of uniform-density cross-linked polyethylene foam, a solid state core, and radial vial symmetry, freezing profiles are consistent and reproducible.

- For 12 standard 1.0 mL to 2.0 mL cryogenic vials
- Radially symmetric for uniform vial freezing
- Numbered wells for easy sample identification
- Bevelled lid for secure gripping and easy opening
- Exposed vial tops when lid is open for quick, organised removal of frozen samples
- Non-absorbent material with low heat capacity ensuring that containers will rapidly return to room temperature when removed from freezer

Cat. No	Colour code	Accommodates	Dimensions (d x h), mm	Well diam., mm	Pack qty
15552771	Purple	12 x 1.0mL\2.0mL vials	117 x 101	12.7	1
15562771	Green	12 x 1.0mL\2.0mL vials	117 x 101	12.7	1
15572771	Orange	12 x 1.0mL\2.0mL vials	117 x 101	12.7	1
15582771	Pink	12 x 1.0mL\2.0mL vials	117 x 101	12.7	1
15592771	Purple	12 x 3.5mL\5.0mL vials	95 x 145	12.7	1

CELLGRO™ DIMETHYL SULFOXIDE (DMSO)

CORNING

- Specially prepared for the cryopreservation of cells along with glycerol to prevent damage to cell membranes during freezing
- Cellgro™ products incorporate many principles developed by the pharmaceutical industry including the use of WFI quality water, raw material testing, in-process monitoring and finished product testing
- Filter sterilised
- Complete certificate of analysis available for each production lot, along with full formulation information

Cat. No	Pack qty
15303671	250mL

CRYOGENIC VIAL GRIPPERS

CORNING

- Plastic cryogenic grippers with a unique design for grasping internally or externally-threaded cryogenic vials
- Grippers enable easy manipulation of vials while maintaining sterility
- Protect fingers from frozen vials, dry ice and liquid nitrogen
- Pack of five in assorted colours

Cat. No	Pack qty
15565535	5

Sterilisation

STERILELITE™ TABLETOP AUTOCLAVES

fisherbrand

- Combine compact design with high performance, reliability and safety
- Two models of 16L and 24L capacity
- Microprocessor control system provides nine fully automatic programs, including 'Add Water', 'Sterilisation' and 'Dry'
- Eight pre-installed sterilisation cycles
- Two separate water-level check mechanisms: water tank level and chamber water level
- Auto dry function
- Pressure door auto-lock device
- Chamber protected by pressure switch and steam pressure safety valve
- Vacuum/Pressure release button cuts off the power supply, exhausts the chamber of pressure, and releases the chamber vacuum simultaneously
- Indicator lights for DOOR OPEN, LOW WATER and COMPLETE
- Range of accessories available including sterilisation boxes, racks and trays

Cat. No	Product type	Pack qty
15515199	SterilElite™ tabletop autoclave, 16L, 510 x 580 x 410 (w x d x h), mm	1 unit
15525199	SterilElite™ tabletop autoclave, 24L, 540 x 660 x 440 (w x d x h), mm	1 unit
Accessories		
12652975	Sterilisation box for SterilElite™ 16, 183 x 135 x 345 (w x d x h), mm	1
12672975	Sterilisation tray for SterilElite™ 16, 323 x 178 x 21 (w x d x h), mm	1
12662975	Stacked tray frame for SterilElite™ 16, without trays, 323 x 253 (max.) x 192 (max.) mm	1
12682975	Heating cover for SterilElite™ 16	1
12692975	Sterilisation box for SterilElite™ 24, 375 x 228 x 120 (w x d x h), mm	1
12602985	Sterilisation tray for SterilElite™ 24, 382 x 187 x 21 (w x d x h), mm	1
12612985	Stacked tray frame for SterilElite™ 24, without trays, 383 x 290 (max.) x 205 (max.) mm	1
12622985	Heating cover for SterilElite™ 24	1

AUTOCLAVABLE BIOHAZARD DISPOSAL BAGS, POLYPROPYLENE

fisherbrand

- For high temperature sterilisation (134°C) to a maximum of 140°C
- Preprinted with a biohazard warning and symbol
- All bags are 40μm thick
- The bags should be loosely tied at the top leaving a small hole prior to being autoclaved using autoclave indicator tape
- Opening along width

Cat. No	Width, mm	Length, mm	Pack qty
Clear polypropylene printed in blue			
11600312	310	660	100
11553342	410	630	100
11563342	620	780	100

Safety

SAFETY STORAGE CABINET, FLAMMABLES AND AGGRESSIVES

asecos

- Type 90 underbench cabinet with 90 minute fire resistance (EN 14470-1 and EN 14470-2)
- For unrestricted storage of flammable and aggressive materials in work areas
- With cylinder locking and locking state indicator
- Sheet steel powder-coated construction

Cat. No	Product type	Dimensions (w x d x h), mm	Pack qty
15101566	UB-S-90 underbench safety storage cabinet, light grey, 1 perforated metal plate insert for pull-out sump. On castors with plinth, 30mm height.	1100 x 570 x 600	1

SAFETY STORAGE CABINET, ACIDS

JUSTRITE

- Blue benchtop polyethylene cabinets manufactured from inert high density polyethylene
- One-piece construction provides excellent resistance to harsh acids and corrosives
- Clearly labelled for ACID contents
- Accepts a padlock (not included) for added security
- Typical storage capacity up to two x 4 litre bottles
- Door can be hinged from either side
- Removable internal polyethylene spill tray contains leaks and can be removed for easy cleaning
- A separate polyethylene tray stores under the cabinet and can be used as a handy work tray

Cat. No	Product type	Dimensions (w x d x h), mm	Pack qty
11965384	Bench top ACID cabinet, 1 door, can be hinged from either side for best space utilisation, no shelves	362 x 413 x 495	1

WASH BOTTLES, LDPE, WIDE NECK, SAFETY LABELLED AND COLOUR-CODED

fisherbrand

- Easy to read LDPE solvent-resistant pre-printed washbottles
- For leakproof dispensing of the most commonly used solvents
- Polypropylene closure with leakproof design
- Bottles have a wide mouth (53mm) for easy refilling
- Colour-coded for easy identification
- All bottles are intended for dispensing use only, not for long-term storage

Cat. No	Label type	Capacity, mL	Closure colour	Pack qty
11592463	Acetone	500	Red	1
11582463	Acetone	1000	Red	1
11532473	Deionised water	500	Blue	6
11562463	Distilled water	500	Blue	6
11512473	Isopropanol	500	Yellow	6
11502473	Methanol	500	Green	6
11522473	Toluene	500	Red	6
11572463	Water	500	Blue	6

WASH BOTTLES, LDPE, WIDE NECK, SOLVENT-VENTED AND SAFETY LABELLED

fisherbrand

- Labelled and colour coded for some of the most commonly used solvents
- Unique patented two piece venting assembly prevents build up of solvents within the bottle, eliminating solvent drips from the spout due to internal evaporation
- LDPE bottle with polypropylene closures and venting assembly

Cat. No	Label type	Capacity, mL	Closure colour	Pack qty
11567153	Acetone	500	Red	3
12368616	Ethanol	500	Natural	3
11587153	Isopropanol	500	Yellow	3
11577153	Methanol	500	Green	3
11507163	DIY/Custom	500	Natural	3

WASH BOTTLES, LDPE, WIDE NECK, VENTING, SAFETY LABELLED, RIGHT-TO-KNOW

fisherbrand

- Pre-printed with chemical name and formula, NFPA section 704 four colour diamond, health hazard, CAS number and suggested protective clothing and equipment
- Wide neck for easy refiling
- Vented to prevent pressure build up, eliminating solvent drips
- Valve allows solvent to be dispensed in both an upright or inverted position
- Leakproof
- Translucent with colour coded polypropylene closures

Cat. No	Label type	Capacity, mL	Closure colour	Pack qty
12359195	Assorted pack	500	Assorted	6
12369195	Ethanol	500	Natural	6
12309205	Isopropanol	500	Yellow	6
12319205	Methanol	500	Green	6

BMP™21-LAB HAND-HELD LABEL PRINTER

BRADY

- Versatile, hand-held all-in-one label printer designed especially for laboratory applications
- Ideal for labelling cryotubes, tissue cassettes, slides, flasks, tubes, bottles, vials and other containers
- Easy to use with drop-and-lock label cartridges
- Three line LCD display, with ABC keypad, graphics library, label setup keys and menu functions for fast label creation
- Moulded rubber case provides protection from falls with grips for easy handling
- Long lasting rechargeable lithium-ion battery
- Wide selection of label styles and materials gives the flexibility to label practically anything in the lab environment
- Labels are designed to stay adhered in autoclaves, liquid nitrogen, freezers and hot baths and are unaffected by common laboratory chemicals

Cat. No	Product type	Pack qty
15208957	Brady™ BMP™21 Lab label printer	1

LABORATORY GOWNS, YELLOW TYVEK™ PL50

DU PONT

- Shin-length gown constructed from Tychem™ C , with wrap-over rear closure, hook and loop neck closure and waist ties, plus elasticated wrists
- Available in yellow
- Partial body chemical protective clothing, Category III, Type PB [3]
- EN 14126 (barrier to infective agents)
- Antistatic treatment (EN 1149-5) on inside
- Stitched and over-taped seams with barrier tape for extra protection and strength
- Tychem™ C garments utilise a polymeric barrier coating to offer good permeation barrier protection against a wide range of inorganic chemicals and biological hazards
- From a wider range of Tychem™ accessories (aprons, gowns, overboots and sleeves) which can help offer enhanced protection for body parts that are more exposed to hazardous substances

Cat. No	Size	Pack qty
11763103	Small to Medium	25
12693680	Large to 2XL	25

PROTECTIVE CHEMICAL GOWNS, GREY TYVEK™ PL50

DU PONT

- Shin-length gown made from Tychem™ F, with wrap-over rear closure, hook and loop neck closure and waist ties, and elasticated wrists
- Partial body chemical protective clothing, Category III, Type PB [3] and EN 14126 (barrier to infective agents)
- Available in grey
- Tychem™ F garments and accessories are made from a lightweight and durable fabric consisting of a proprietary barrier film laminated to a heavy duty Tyvek™ substrate
- Offers excellent chemical permeation protection to an extensive range of chemicals, helping to protect personnel against numerous toxic organic chemicals, highly concentrated inorganic chemicals (even under pressure), particulates, biohazards and certain chemical warfare agents
- Used for a broad range of applications from chemical spill clean-up, emergency response, to military and petrochemical applications
- Antistatic treatment (EN 1149-5) on inside
- Stitched and over-taped seams with barrier tape for added protection and strength
- From a wider range of Tychem™ accessories (aprons, gowns, overboots and sleeves) which help offer enhanced protection for body parts that are more exposed to hazardous substances

Cat. No	Size	Pack qty
12603690	Small to Medium	25
12613690	Large to 2XL	25

LABORATORY COATS, KIMTECH A7 P+™

Kimberly-Clark PROFESSIONAL*

- Use these coats in laboratory environments with low risk of exposure to chemicals and a basic need for contamination control
- With elastic wrists and thumb loop for full wrist coverage
- Extra length arms help keep the glove in place
- Offers limited Type 6 (PB) chemical protection, protecting the user against liquid chemicals (light splashes, sprays and aerosols)
- Manufactured from breathable non-woven SMS fabric with cloth-like feel reducing the risk of heat stress and offering excellent particle and bacterial filtration
- Disposable yet suitable for use over long periods

Cat. No	Size	Pack qty
13529020	Small	15
13549020	Medium	15
13559020	Large	15
13569020	XL	15
13589020	2XL	15

LABORATORY COATS, HOWIE STYLE UNISEX

FAiTHFUL

- High quality Howie style laboratory coats with knitted cuffs
- With two lower pockets and wrapover style stud-fastened front for extra frontal protection
- 100cm long
- Washable, launderable polyester/cotton
- Not CE marked

Cat. No	Size	Pack qty
12821388	XS	1
12851388	S	1
12841388	M	1
12348647	L	1
12861388	XL	1

SAFETY SPECTACLES, 3M™ SECUREFIT™ 200 SERIES

3M

- Stylish, lightweight design weighs less than 30g
- 3M pressure diffusion technology allows temples to naturally adjust to individual head sizes
- The polycarbonate lenses absorb 99.9% UVA and UVB up to 380nm and meet the requirements of CSA Z94.3 and ANSI Z87.1-2010

Cat. No	Product type	Pack qty
15282025	Safety spectacles, SecureFit™ SF201AF, clear, anti-scratch/anti fog	1
15292025	Safety spectacles, SecureFit™ SF202AF, grey, anti-scratch/anti-fog	1
15202035	Safety spectacles, SecureFit™ SF203AF, amber, anti-scratch/anti-fog	1

SAFETY SPECTACLES, 3M™ SECUREFIT™ 400 SERIES

3M

- SecureFit™ anti-scratch, anti-fog polycarbonate safety spectacles provide a secure and comfortable fit with the 3M pressure diffusion temple technology
- Optical Class 1 lenses suitable for prolonged use
- Available in a range of lens tint options for different conditions
- Design provides excellent coverage and field of vision
- Protection against UV radiation
- Lightweight (19g)
- Adjustable nose pads for secure and personalised fit
- Soft-touch dual moulded temples for increased comfort and grip

Cat. No	Product type	Pack qty
15371994	SecureFit™ 400 series SF401AF-EU clear lens for good colour recognition and excellent UV protection	1
15391994	SecureFit™ 400 series SF402AF-EU grey lens for sunglare protection	1
15322004	SecureFit™ 400 series SF408AS-EU blue mirror lens for sunglare protection	1
15312004	SecureFit™ 400 series SF410AS-EU indoor\outdoor mirror lens for moving in and out of strong sunlight	1

SAFETY SPECTACLES, BOLLE PROTECTION™ RUSH™ SERIES

bollé SAFETY

- Panoramic vision
- Sporty, stylish designs
- Lightweight yet tough polycarbonate construction
- Upper protection
- Adjustable non-slip bridge and non-slip temples
- Range of different lens tints
- Rush+ ('Plus') models have platinum-coated lenses offering high resistance to scratching, aggressive chemicals and also delay the onset of fogging for two minutes

Cat. No	Product type	Pack qty
13168756	Rush RUSHPSF smoked lens	1
13188756	Rush RUSHTWI twilight tinted lens	1
15216705	Rush Plus RUSHPPSI clear platinum-coated lens	1
15206705	Rush Plus RUSHPPSF smoked platinum-coated lens	1
15568291	Rush Plus RUSHPPSF smoked platinum-coated lens	10
15226705	Rush Plus RUSHPTWI twilight platinum-coated lens	1

DISPOSABLE GLOVES, COMFORT NITRILE

fisherbrand

- Gloves with enhanced comfort and tactile sensitivity
- Exceptional fit, feel and durability
- Ideal for everyday protection in the lab
- Blue nitrile
- Ambidextrous with beaded rolled cuffs and textured fingers
- Thickness: 0.07mm (palm), 0.09mm (finger), length 241.3mm
- Powder-free and latex free
- Non-sterile
- Disposable

Cat. No	Size	Length, mm	Pack qty
15622367	XS	241	200
15632367	S	241	200
15642367	M	241	200
15652367	L	241	200
15662367	XL	241	180

DISPOSABLE GLOVES, EXTENDED CUFF NITRILE

fisherbrand

- Gloves with exceptional durability and added protection
- These extended cuff nitrile gloves are also extra-thick
- Powder free, latex free
- Fully textured finish for a superior wet or dry grip
- Ambidextrous and non-sterile with beaded cuff
- Thickness: 0.15mm (palm), 0.18mm (finger) and length 305mm
- Colour: teal green
- Conforms to EN ISO 374/Type B

Cat. No	Size	Length, mm	Pack qty
15612367	XS	305	50
15662357	S	305	50
15672357	M	305	50
15682357	L	305	50
15692357	XL	305	50

EXAMINATION GLOVES, NITRILE, ERGONOMIC FIT, MICROFLEX™

MICROFLEX THE MOST TRUSTED NAME IN GLOVES

- Designed to reduce hand fatigue often associated with carpal tunnel syndrome
- Comfortable, lightweight and thin, yet provide reliable durability and protection
- Advanced proprietary nitrile formulation delivers an increased tactile sensitivity
- Up to 60% stronger than leading nitrile brands and up to 90% stronger than leading latex brands
- Offers confident protection from pinholes
- Contains no natural rubber latex or powder to help protect wearers from skin allergies, skin irritation and dryness
- PPE Category III
- EN 374-2, AQL 0.65, ISO 13485
- Blue nitrile
- Powder free
- Textured fingers
- Ambidextrous fit

Cat. No	Size	Pack qty
15289373	XS	250
15269373	S	250
15259373	M	250
15249373	L	250
15279373	XL	230

GLOVES, NITRILE PPE CATEGORY III KIMTECH SCIENCE™ STERLING™

Kimberly-Clark PROFESSIONAL*

- Silver-coloured nitrile gloves offering excellent tactile sensitivity and tensile strength
- Provides the vital hand protection and comfort needed in the laboratory and safety environment
- Stronger and leaner than latex with better protection against puncture, abrasion, virus and a wide range of chemicals including cytotoxic drugs
- EN 374-1:2003 protection against chemical splash
- EN 374-2:2003 level 3 protection against microorganisms, AQL 0.65
- ISO 16604:2004 protection against penetration from viruses
- Compliant with Medical Device standards EN 455-1, 2, 3, 4
- EC Type examination certificate available
- Anti-static tested, meeting the requirements defined in EN 1149-5:2008
- Disposable and powder-free

Cat. No	Size	Length, mm	Pack qty
10634525	XS	240	150
10735685	M	240	150
10682415	L	250	150
10754175	XL	250	140

DISINFECTANT, CHEMGENE HLD$_4$H HIGH-LEVEL MEDICAL SURFACES

MEDIMARK SCIENTIFIC

- For biohazard contamination
- Broad spectrum bactericidal, virucidal, mycobactericidal and fungicidal action
- A rapid-acting, synergistic blend of active and inert ingredients ensures that apoptosis (cell death) is achieved rather than merely suspending activity as with other conventional products
- Safe and compatible with a wide range of materials and surfaces including rubber, plastics, fibreglass, stainless and mild steel, aluminium, copper and brass
- Dilute 50mL of concentrate in a litre of water to use
- For research laboratory use only

Cat. No	Product type	Pack qty
15166686	High level medical surface disinfectant HLD$_4$H concentrate	1L
15176686	High level medical surface disinfectant HLD$_4$H concentrate	5L

DISINFECTANT, CHEMGENE HLD$_4$L HIGH-LEVEL LABORATORY SURFACES

MEDIMARK SCIENTIFIC

- HLD$_4$L is based on micelle cleaning technology that enables active molecules in the product to be carried rapidly through the cell walls of microorganisms
- Faster acting than conventional high level disinfectants
- Ensures that cell death is achieved rather than merely supending activity as some other conventional products
- Biodegradable under OECD conditions
- Available as a ready-to-use spray or as a concentrate (use at 1-2% dilution)

Cat. No	Product type	Pack qty
15106686	Lab disinfectant ready-to-use spray, CHEMGENE HLD$_4$L	750mL
15136686	Lab disinfectant concentrate CHEMGENE HLD$_4$L	1L
15126686	Lab disinfectant concentrate CHEMGENE HLD$_4$L	5L

DISINFECTANT WIPES, CHEMGENE HLD$_4$L

MEDIMARK SCIENTIFIC

- Disinfectant wipes
- Faster and more effective anti-pathogenic activity than conventional high-level disinfectants
- For cleansing and disinfecting of hard surfaces
- Bactericidal, virucidal, fungicidal and sporicidal
- Nonwoven low lint material combining strength and absorbency

At the heart of the new Chemgene HLD4L formula is the micelle cleaning technology that enables the active molecules in the product to be carried rapidly through the cell walls of microorganisms ensuring rapid cell death.

Cat. No	Product type	Pack qty
15116686	Lab disinfectant wipes, CHEMGENE HLD$_4$L	100 wipes
15146686	Lab disinfectant wipes, CHEMGENE HLD$_4$L	200 wipes

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