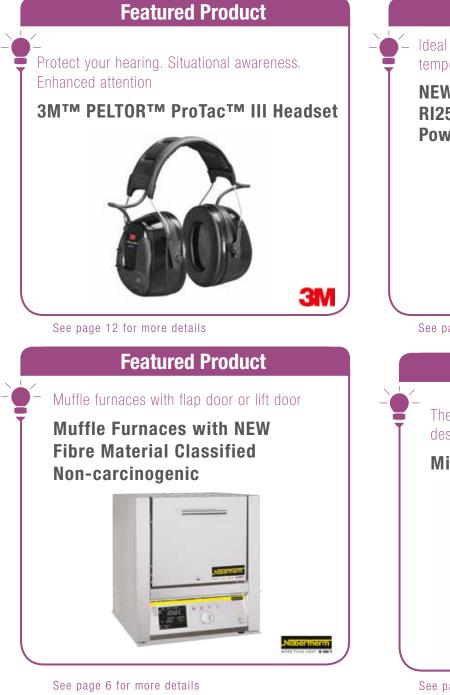


Great promotional offers and new innovative products from February to March 2017



Featured Product

- Ideal for applications that require stable temperatures above or below ambient

NEW Thermo Scientific[™] RI150 and RI250 Refrigerated Incubators with Powerful Compressor Technology



See page 5 for more details

Featured Product

thermoscientific

The Fisherbrand microplate shaker is designed for convenience and flexibility

Microplate shaker



See page 10 for more details

Special Edition! - Take advantage of our great deals for 2017! Prices valid for 2 months

Try Aqualine[™] product performance at 25% discount

Fisher Chemical[™] Aqualine[™] **Reagents for Karl Fischer Titration**

- Your solution for water content determination by Karl Fischer titration
- Reliable Fast and stable endpoints ensure reliable and accurate results
- Safe Low toxicity and pyridine free
- Convenient Available as a one or two component solution

25% discount on a selection of Aqualine volumetric products for high water content analysis



Cat No.	Description	Quantity	Price
Single com	ponent reagents		
10538810	Aqualine Complete 1 – Water equivalent 1 mg H ₂ O/mL	1L	82,8
10744761	Aqualine Complete 2 – Water equivalent 2mg H ₂ O/mL	1L	111,3
10754761	Aqualine Complete 2 – Water equivalent 2mg H ₂ O/mL	2,5L	160,7
10181570	Aqualine Complete 2 – Water equivalent 2mg H ₂ O/mL	1L	91,0
10676262	Aqualine Complete 2 – Water equivalent 2mg H ₂ O/mL	2,5L	187,7
Reagents fo	or aldehydes and ketones		
11433813	Aqualine Complete 5K – Water equivalent 5mg H ₂ O/mL	500mL	44,1
10092042	Aqualine Complete 5K – Water equivalent 5mg H_O/mL	1L	95,2
11443813	Aqualine Matrix K – Matrix K should be used in conjunction with Complete 5K	500mL	19,8
10205592	Aqualine Matrix K – Matrix K should be used in conjunction with Complete 5K	1L	51,5
Two compo	nent reagents		
10786291	Aqualine Titrant 2 – Water equivalent 2mg H ₂ O/mL	1L	77,3
10284100	Aqualine Titrant 2 – Water equivalent 2mg H ₂ O/mL	2,5L	130,5
10528810	Aqualine Titrant 5 – Water equivalent 5mg H ₂ O/mL	1L	56,2
10172050	Aqualine Titrant 5 – Water equivalent 5mg H ₂ O/mL	2,5L	105,3
10101580	Aqualine Solvent	1L	49,5
10264390	Aqualine Solvent	2,5L	96,9
10199511	Aqualine Solvent CM – Solvent for samples with high hydrocarbon content	1L	43,8
10510852	Aqualine Solvent CM – Solvent for samples with high hydrocarbon content	2,5L	107,0

30% off

invitrogen

Invitrogen™ iBlot™2 Gel Transfer Device

- Complete protein transfer in seven minutes or less
- High detection sensitivity and even transfer
- Increased blotting reliability and reproducibility
- Flexible gel size formats and membrane types
- A simple, user-friendly system

Transfer proteins quickly and efficiently from gel to membrane in seven minutes or less, plus save 30% off list price.



Cat No.



35% off

applied biosystems

Applied Biosystems™ SimpliAmp™ Thermal Cycler

- Compact design saves bench space
- Easy to operate large, colour LCD touchscreen that simplifies operation
- Three independent temperature zones for PCR optimisation features Applied Biosystems[™] VeriFlex[™] Block
- Cloud-enabled for secure remote access through Thermo Fisher
 Connect

Enjoy the consistent performance of an Applied Biosystems $^{\rm TM}$ Thermal Cycler for less.



Cat No.	Description	Price
15224438	SimpliAmp thermal cycler	3243,50

Manual idenfication is now easier than ever! With Thermo Scientific[™] RapID[™] Systems you'll experience faster identification, reduced turnaround time, visible colour reactions and precise reporting for more organisms on more platforms

Thermo Scientific[™] RapID[™] Systems

- One-Step inoculation; Decreased prep time allows for increased productivity
- Four hour incubation; Quicker time-to-result for a faster response
- Common procedure; Lessened materials usage saves time and money
- Visible colour reactions; Reduced subjectivity decreases repeat testing

The RapID Systems are panels for manual idenfication of microorganisms, they can be used in different contexts like food pathogen identifications and clinical pathogens as well.



11464139 RapID ANA II 20 panels/kit 159,84 13245619 RapID CB Plus 20 panels/kit 89,20 11454139 RapID NH Plus 20 panels/kit 108,09 11484139 RapID NF Plus 20 panels/kit 108,09 11494139 RapID ONE 20 panels/kit 260,78 13255619 RapID Staph Plus 20 panels/kit 263,69 11474139 RapID STR 20 panels/kit 122,30 11404149 RapID Yeast Plus 20 panels/kit 158,87 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 13246239 McFarland Standard No. 3 1 45,64 12853693 RapID Compendium 1 20,52 12883693 RapID Compendium 1 20,52 12883693 RapID Nitrate A 15mL 1 15,44 13285559 RapID Nitrate A 15mL 1 15,44 1328559 RapID Nitrate B 15mL 1 15,44 10392213 RapID Neplus QC Set/3 5 loops/pack	Cat No.	Description	Pack qty	Price
11454139 RapID NH Plus 20 panels/kit 89,20 11484139 RapID NF Plus 20 panels/kit 108,09 11494139 RapID ONE 20 panels/kit 74,13 13255619 RapID Staph Plus 20 panels/kit 260,78 13225619 RapID Staph Plus 20 panels/kit 63,69 11474139 RapID STR 20 panels/kit 122,30 11404149 RapID Yeast Plus 20 panels/kit 158,87 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 13246239 McFarland Standard No. 3 1 45,64 12853693 RapID Spot Indole 15mL 1 15,44 12995973 RapID ANA II QC Set/3 5 loops/pack 757,00 12998264 ERIC RapID Compendium 1 20,52 1283693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392213 RapID Net Plus QC Set	11464139	RapID ANA II	20 panels/kit	159,84
11484139 RapID NF Plus 20 panels/kit 108,09 11494139 RapID ONE 20 panels/kit 74,13 13255619 RapID Staph Plus 20 panels/kit 260,78 13225619 RapID STR 20 panels/kit 63,69 11474139 RapID STR 20 panels/kit 122,30 11404149 RapID Yeast Plus 20 panels/kit 158,87 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 13246239 McFarland Standard No. 3 1 45,64 12853693 RapID Spot Indole 15mL 1 15,44 12995973 RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392213 RapID Netrate A 15mL	13245619	RapID CB Plus	20 panels/kit	179,34
11494139 RapID ONE 20 panels/kit 74,13 13255619 RapID Staph Plus 20 panels/kit 260,78 13225619 RapID SX/u 20 panels/kit 63,69 11474139 RapID STR 20 panels/kit 122,30 11404149 RapID Yeast Plus 20 panels/kit 158,87 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 13246239 McFarland Standard No. 3 1 45,64 12853693 RapID Spot Indole 15mL 1 15,44 12995973 RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 10392523 RapID Doculation Fluid 1mL	11454139	RapID NH Plus	20 panels/kit	89,20
13255619 RapID Staph Plus 20 panels/kit 260,78 13225619 RapID SS/u 20 panels/kit 63,69 11474139 RapID STR 20 panels/kit 122,30 11404149 RapID Yeast Plus 20 panels/kit 122,30 13246239 McFarland Standard No. 3 1 45,64 12853693 RapID Spot Indole 15mL 1 15,44 12995973 RapID ANA II QC Set/3 5 loops/pack 757,00 12988264 ERIC RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 12985973 RapID Sot Indole 15mL 1 15,44 10392213 RapID Dyot Indole 15mL	11484139	RapID NF Plus	20 panels/kit	108,09
13225619 RapID SS/u 20 panels/kit 63,69 11474139 RapID STR 20 panels/kit 122,30 11404149 RapID Yeast Plus 20 panels/kit 158,87 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 13246239 McFarland Standard No. 3 1 45,64 12853693 RapID Spot Indole 15mL 1 15,44 12995973 RapID ANA II QC Set/3 5 loops/pack 757,00 12988264 ERIC RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 10392223 RapID Doculation Fluid 1mL 20 tubes/pack 767,00 10302213 RapID Net tae B 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 </td <th>11494139</th> <td>RapID ONE</td> <td>20 panels/kit</td> <td>74,13</td>	11494139	RapID ONE	20 panels/kit	74,13
11474139 RapID STR 20 panels/kit 122,30 11404149 RapID Yeast Plus 20 panels/kit 158,87 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 13246239 McFarland Standard No. 3 1 45,64 12853693 RapID Spot Indole 15mL 1 15,44 12995973 RapID ANA II QC Set/3 5 loops/pack 757,00 12988264 ERIC RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 10392223 RapID Doculation Fluid 1mL 20 tubes/pack 757,00 10302213 RapID Doculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Dot Indole 15mL 1 15,44 10392213 RapID Dot Indole 15mL 1 15,44 10399814 BactiDrop	13255619	RapID Staph Plus	20 panels/kit	260,78
11404149 RapID Yeast Plus 20 panels/kit 158,87 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 13246239 McFarland Standard No. 3 1 45,64 12853693 RapID Spot Indole 15mL 1 15,44 12995973 RapID ANA II QC Set/3 5 loops/pack 757,00 12988264 ERIC RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 10392223 RapID DCB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 <	13225619	RapID SS/u	20 panels/kit	63,69
10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 13246239 McFarland Standard No. 3 1 45,64 12853693 RapID Spot Indole 15mL 1 15,44 12995973 RapID ANA II QC Set/3 5 loops/pack 757,00 12998264 ERIC RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 1039223 RapID CB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Dot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 2 1 45,64 12975973 RapID	11474139	RapID STR	20 panels/kit	122,30
13246239 McFarland Standard No. 3 1 45,64 12853693 RapID Spot Indole 15mL 1 15,44 12995973 RapID ANA II QC Set/3 5 loops/pack 757,00 12998264 ERIC RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 10392213 RapID CB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 12978244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarlan	11404149	RapID Yeast Plus	20 panels/kit	158,87
12853693 RapID Spot Indole 15mL 1 15,44 12995973 RapID ANA II QC Set/3 5 loops/pack 757,00 12998264 ERIC RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate A 15mL 1 15,44 10392213 RapID CB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 12978244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 129459833 RapID O	10302213	RapID Inoculation Fluid 1mL	20 tubes/pack	16,39
12995973 RapID ANA II QC Set/3 5 loops/pack 757,00 12998264 ERIC RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 12985973 RapID CB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 12975944 RapID NF Plus QC Set/4 5 loops/pack 632,000 10413843	13246239	McFarland Standard No. 3	1	45,64
12998264 ERIC RapID Compendium 1 20,52 12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 12985973 RapID CB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 129758244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID NH C Set/4 5 loops/pack 676,00 12925983 RapI	12853693	RapID Spot Indole 15mL	1	15,44
12883693 RapID Inoculation Fluid 2mL 20 tubes/pack 16,39 10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 12985973 RapID CB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 12978244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983	12995973	RapID ANA II QC Set/3	5 loops/pack	757,00
10108582 McFarland Standard No. 4 1 45,64 13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate A 15mL 1 15,44 12985973 RapID CB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 129758244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SX/u QC Set/5 5 loops/pack 676,00	12998264	ERIC RapID Compendium	1	20,52
13285559 RapID Nitrate A 15mL 1 15,44 10392223 RapID Nitrate B 15mL 1 15,44 12985973 RapID CB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 12978244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SX/u QC Set/5 5 loops/pack 395,54	12883693	RapID Inoculation Fluid 2mL	20 tubes/pack	16,39
10392223 RapID Nitrate B 15mL 1 15,44 12985973 RapID CB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 12978244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12975973 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SS/u QC Set/5 5 loops/pack 395,54	10108582	McFarland Standard No. 4	1	45,64
12985973 RapID CB Plus QC Set/3 5 loops/pack 757,00 10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 129758244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SS/u QC Set/5 5 loops/pack 395,54	13285559	RapID Nitrate A 15mL	1	15,44
10302213 RapID Inoculation Fluid 1mL 20 tubes/pack 16,39 12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 129758244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SS/u QC Set/5 5 loops/pack 676,00	10392223	RapID Nitrate B 15mL	1	15,44
12853693 RapID Spot Indole 15mL 1 15,44 10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 12978244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID Staph Plus QC Set/5 5 loops/pack 395,54	12985973	RapID CB Plus QC Set/3	5 loops/pack	757,00
10399814 BactiDrop Oxidase 0,75mL 1 94,89 12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 12978244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID ONE QC Set/4 5 loops/pack 676,00 12925983 RapID SS/u QC Set/5 5 loops/pack 395,54	10302213	RapID Inoculation Fluid 1mL	20 tubes/pack	16,39
12905983 RapID NH Plus QC Set/4 5 loops/pack 632,00 10037212 McFarland Standard No. 1 1 45,64 12978244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SS/u QC Set/5 5 loops/pack 395,54	12853693	RapID Spot Indole 15mL	1	15,44
10037212 McFarland Standard No. 1 1 45,64 12978244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SS/u QC Set/5 5 loops/pack 395,54	10399814	BactiDrop Oxidase 0,75mL	1	94,89
12978244 RapID NF Plus QC Set/4 5 loops/pack 632,00 10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SS/u QC Set/5 5 loops/pack 395,54	12905983	RapID NH Plus QC Set/4	5 loops/pack	632,00
10413843 McFarland Standard No. 2 1 45,64 12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SS/u QC Set/5 5 loops/pack 636,00	10037212	McFarland Standard No. 1	1	45,64
12945983 RapID ONE QC Set/4 5 loops/pack 676,00 12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SS/u QC Set/5 5 loops/pack 395,54	12978244	RapID NF Plus QC Set/4	5 loops/pack	632,00
12975973 RapID Staph Plus QC Set/4 5 loops/pack 676,00 12925983 RapID SS/u QC Set/5 5 loops/pack 395,54	10413843	McFarland Standard No. 2	1	45,64
12925983 RapID SS/u QC Set/5 5 loops/pack 395,54	12945983	RapID ONE QC Set/4	5 loops/pack	676,00
	12975973	RapID Staph Plus QC Set/4	5 loops/pack	676,00
12955983 RapiD Yeast Plus QC Set/5 5 loops/pack 790,00	12925983	RapID SS/u QC Set/5	5 loops/pack	395,54
	12955983	RapID Yeast Plus QC Set/5	5 loops/pack	790,00

thermoscientific

Buy the new laboratory stands and get 30% discount

NEW LaboPlast[™] Laboratory Stands Promotion

- Funnel stands/filtering stands; stand for Imhoff sedimentation funnel or pipettes
- With innovative magnet concept
- Easy and flexible height adjustment
- Adaptable with corresponding accessories
- Comfortable and smooth operation

The lab frame can be flexibly adapted with corresponding accessories, for example as a frame for Imhoff sedimentation funnels, a pipette stand or as a funnel frame.

Cat No.	Description	Price
10057980	Funnel stand/filtering stand, 2 funnel	81,20
10393731	Funnel stand/filtering stand, 4 funnel	95,67
15624144	Funnel stand/funnel holder with reducing insert	7,35
10740773	Funnel rack, carrying handle, 2 funnel	46,41
15614144	Sedimentation funnel holder for Imhoff funnel	8,96
15634144	Pipette stand, rotatable, with 40 openings	48,23
15644144	Replacement set for pipette stand, plates/drip pan	13,23
10740773 15614144 15634144	Funnel rack, carrying handle, 2 funnel Sedimentation funnel holder for Imhoff funnel Pipette stand, rotatable, with 40 openings	46,41 8,96 48,23





bürkle





Buy a KBF series constant climate chamber and get IQ/OQ qualification folder for FREE

KBF Series Constant Climate Chambers

- Long term stability test conditions in line with ICH Q1A and Q1B
- Independent from water supply
- Homogeneous light distribution over the entire usable space (KBF P, LQC series)
- Independent light dose control via spherical sensors (KBF LQC series)
- Support for GMP/GLP conformity with IQ/OQ qualification folders

Achieve the best test results with the BINDER KBF series.

Get a KBF series constant climate chamber with free IQ/OQ qualification folder.

Cat No.	Description	Price
15669105	KBF115-230V with Qualification folder IQ/OQ (8012-0867)	11989,00
15679105	KBF240-230V with Qualification folder IQ/OQ (8012-0867)	13590,00
15689105	KBF720-230V with Qualification folder IQ/OQ (8012-0867)	17269,00
15659105	KBF1020-230V with Qualification folder IQ/OQ (8012-0867)	19427,00
15619115	KBFLQC240-230V with Qualification folder IQ/OQ (8012-0869)	22676,00
15629115	KBFLQC720-230V with Qualification folder IQ/OQ (8012-0869)	26230,00
15699105	KBFP240-230V with Qualification folder IQ/OQ (8012-0868)	16902,00
15609115	KBFP720-230V with Qualification folder IQ/OQ (8012-0868)	20600,00



Buy a BINDER cooling incubator at a special price

BINDER KB Series (Compressor) and KT Series (Peltier) Cooled Incubators

- KB series: Powerful cooling with well proven compressor cooling unit
- \bullet KT series: Energy efficient thermoelectric cooling with Peltier technology
- Reliable and reproducible incubation conditions
- Disinfection routine at 100°C
- High quality, corrosion resistant stainless steel inner chamber

Get a special price on BINDER Cooling Incubators. KB Series with compressor technology or KT Series with thermoelectric cooling.

		~
Cat No.	Description	Price
KB Series		
15609105	KB023-230V cooled incubator, with powerful compressor, 23L	3335,20
15649105	KB053-230V cooled incubator, with powerful compressor, 53L	3621,60
15639105	KB115-230V cooled incubator, with powerful compressor, 115L	4328,80
15629105	KB240-230V cooled incubator, with powerful compressor, 247L	6213,60
15619105	KB400-230V cooled incubator, with powerful compressor, 400L	6952,00
15699095	KB720-230V cooled incubator, with powerful compressor, 698L	9452,80
KT Series		
15649115	KT053-230V cooled incubator with Peltier technology, 53L	3053,60
15659115	KT115-230V cooled incubator with Peltier technology, 102L	3821,60
15639115	KT170-230V cooled incubator with Peltier technology, 163L	4718,40



Featured Product

thermoscientific

Ideal for applications that require stable temperatures above or below ambient

NEW Thermo Scientific™ RI150 and RI250 Refrigerated Incubators with Powerful Compressor Technology

- Broad temperature range of +4°C to +60°C
- Adjustable over- and under-temperature alarm alerts operator of any unexpected temperature deviations
- · Glass window in door for undisturbed inspection of samples
- Access port provided as standard
- Automatic defrost for uninterrupted long term sub-ambient applications

Choose a new incubator that provides a broad temperature range enabling it to be used across a wide range of applications.





Cat No.	Description	Price
15658175	RI150 refrigerated incubator with compressor, 220V EU, 150L	3500,00
15668175	RI250 refrigerated incubator with compressor, 220V EU, 250L	3800,00
15678175	Shelf accessory for RI150 and RI250 refrigerated incubators	115,00

BINDER

Best conditions for your success

Featured Product

- Muffle furnaces with flap door or lift door

Nabertherm

Muffle Furnaces with NEW Fibre Material Classified Non-carcinogenic

- T-max 1,100°C or 1,200°C
- Heating from two sides by ceramic heating plates (heating from three sides for muffle furnaces L 24/11 - LT 40/12)
- Insulation made of non-classified fibre material
- Housing made of sheets of textured stainless steel
- Dual shell housing for low external temperatures and high stability
- Optional flap door (L) which can be used as work platform or lift door (LT) with hot surface facing away from the operator
- · Adjustable air inlet integrated in door
- Exhaust air outlet in rear wall of furnace
- Solid state relays provide for low noise operation

The muffle furnaces L 1/12 - LT 40/12 are the right choice for daily laboratory use. These models stand out for their excellent workmanship, advanced and attractive design, and high level of reliability. The muffle furnaces come equipped with either a flap door or lift door at no extra charge.

Note: other volume sizes and lift door versions are also avaiable, please contact Customer Service.

Additional equipment:

- Chimney, chimney with fan or catalytic converter (not for L 1)
- Over-temperature limiter with adjustable cut-out temperature for thermal protection Class 2 in accordance with EN 60519-2 as temperature limiter to protect the furnace and load
- Protective gas connection to purge with non-flammable protective or reaction gases (not available in combination with chimney, chimney with fan or catalytic converter)
- Manual or automatic gas supply system



Cat No.	Description	Price
T-max 1,10	0°C	
15483392	L 3 / 11 muffle furnace, volume 5L, with flap door	1827,50
15493392	L 9 / 11 muffle furnace, volume 9L, with flap door	2465,00
15426732	L 40 / 11 muffle furnace, volume 40L, with flap door	4080,00
T-max 1,20	0°0	
15446672	L 3 / 12 muffle furnace, volume 5L, with flap door	2252,50
15426702	L 9 / 12 muffle furnace, volume 9L, with flap door	3153,50
15446732	L 40 / 12 muffle furnace, volume 40L, with flap door	4692,00

Data-logging thermometers with user-defined time intervals

Traceable™ Excursion-Trac™ Data Logging Refrigerator/Freezer Thermometer

- Meets current CDC requirements for vaccine storage and monitoring
- Rolling memory structure, maintains most recent 525,600 temperature observations
- Stores up to 10 unique alarm events
- . Memory can be cleared on unit after downloading data to USB stick
- Hassle-free retrieval of data unit can remain in use while downloading and analysing data
- Status indicators low battery, memory full, USB data transfer and active alarm state
- Supplied with stand, Velcro[™], magnets, wall mount, batteries, Traceable[™] Certificate



Cat No.	Range	Resolution	Accuracy	Probe	Price
15294016	-50 to 70°C (-58 to 158°F)	0,01°	±0,25°C	1 Bottle	111,80
15204026	-50 to 70°C (-58 to 158°F)	0,01°	±0,25°C	2 Bottles	120,25
15214026	-50 to 70°C (-58 to 158°F)	0,01°	±0,25°C	1 Bullet™	107,90
15224026	-50 to 70°C (-58 to 158°F)	0,01°	±0,25°C	2 Bullets™	116,35
15234026	-50 to 70°C (-58 to 158°F)	0,01°	±0,25°C	1 Bottle & Bullet™	120,25
15244026	-50 to 70°C (-58 to 158°F)	0,01°	±0,25°C	1 Stainless steel	120,25
15388754	-50 to 70°C (-58 to 158°F)	0,01°	±0,25°C	2 Stainless steel	127,40

The world's most popular refrigerator/freezer thermometers

Traceable™ Refrigerator/Freezer Thermometer

- Triple display simultaneously shows MIN/MAX and current temperatures, °C/°F switchable
- Accurately monitor temperatures in freezers, water baths, heating blocks, incubators and refrigerators with this enclosed temperature-buffered sensor
- Bottle insulates sensor from rapid temperature changes when refrigerator door is opened
- Minimum/maximum monitors high and low readings overnight, on weekends, or for any time period
- \bullet Alarm is programmable in 1 $^{\circ}$ increments, sounds continuously when temperature rises above/falls below set points and can be turned off manually
- Visual and audible signals continue even if temperature returns to non-alarm range
- High-impact, chemical-resistant ABS plastic case: 70mm x 108mm x 19mm, weight 113g
- Supplied with stand, 3m micro cable, wall mounting, Velcro[™], magnetic strips, Traceable[™] Certificate



Fisherbrand

Cat No.	Range	Resolution	Accuracy	Probe	Price
11873460	-50 to 70°C (-58 to 158°F)	1°	±1°C	Bottle (patented) specifically for refrigerator/freezer applications	45,76
11799735	-50 to 70°C (-58 to 158°F)	1°	±1°C	5mm diameter and 19mm long	49,95
11749745	-50 to 70°C (-58 to 158°F)	1°	±1°C	5mL vaccine bottle mimics vaccine temperature and fits in tray	46,22

Fisherbrand

The lab's most popular timer

Traceable[™] Four-Channel Alarm Timer

- Features: count up/down, time in/out, memories, alarm, 12/24 hour clock
- Large high display allows viewing from a distance
- Remarkable 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
- Timing capacity: 99 hours, 59 minutes, 59 seconds
- Resolution: 1 second
- Accuracy: 0,01%
- Supplied with clip, stand, magnet, battery, Traceable™ Certificate



Fisherbrand[™] Focus on Fisherbrand for all your **Traceable**[™] Products Keeping your research on track

- Lab tools Humidity monitors
- Spatulas
 Stop watches
- Timers
- Thermometers



For the full range visit eu.fishersci.com/go/fisherbrand

Fisherbrand

Fisherbrand nutating mixers deliver gentle uniform mixing of fluids in tubes, plates, culture flasks and dishes

Nutating mixer - fixed speed

- Budget friendly design
- Easy to use, plug and play operation
- Fixed-speed movement at 20° angle
- Operating temperature range: 5 to 40°C, usable in non-CO, incubators, refrigerators and chambers
- · Fixed speed of 18 or 20rpm (voltage dependent)
- Two year warranty



Fisherbrand

Fisherbrand 3D platform rotators provide smooth orbital motion for mixing in culture flasks, dishes, plates and tubes

3D Platform rotator

- Simple speed adjustment from 2 to 80rpm
- Gentle movement ideal for staining gels without destroying the edges or keeping fragile tissue intact during incubation
- · Large platform accommodates most commonly used vessels with non-slip mat to prevent sample movement
- Low voltage power supply provides safe cold room operation and low energy consumption
- Operating temperature range of 5°C to 40°C allows for use in refrigerators or non-CO. incubators
- Continuous or timed operation with automatic switch-off
- Display will show last used settings, even after power has been turned off
- Two year warranty

Fisherbrand nutating mixers deliver gentle uniform mixing of fluids in tubes, plates, culture flasks and dishes

Nutating mixer - variable speed

- Variable speed from 2 to 60rpm
- 306mm x 266mm platform
- · Display will show last used settings
- Operating temperature range: 5 to 40°C, usable in non-CO, incubators, refrigerators and chambers
- · Continues to run by last set speed
- · Continuous or timed operation with automatic switch-off
- Audible and visual alarm when the set time reaches zero
- Two year warranty



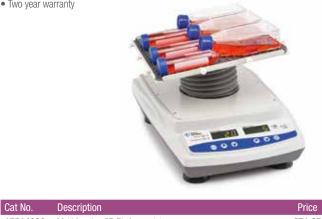
Fisherbrand

Fisherbrand

The Fisherbrand multi function 3D rotator provides flexibility of motion to include rotation, reciprocal rotation, and vibration

Multi function 3D rotator

- Rotation speed: 5 to 100rpm for long wave motion
- Reciprocal rotation: 0 to 360° turning angle for long and medium way motion
- Vibration: 0 to 5° turning angle, programmable in bursts of 0 to 5 seconds, for short wave motion
- Operating temperature range of 5 to 40°C allows for use in refrigerators or non-CO, incubators
- · Continuous or timed operation
- Display will show last used settings
- Two year warranty



15514080 Multi function 3D Platform rotator

671,65

Cat No. Description 15504080 3D Platform rotator Price

413,25

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

Mini tube rotator

- Small footprint fits easily into refrigerators and non-CO₂ incubators
- Digital RPM display
- Paddles are easily adjustable/interchanged
- Extra paddles are needed if using all same size tubes (except for 50mL size)
- Two year warranty



Cat No.	Description	Price
15534080	Mini tube rotator	234,04
Optional ac	ccessories	
15554140	Two paddles for 0,5mL/0,8mL tubes	10,91
15544140	Two paddles for 1,5mL/2mL tubes	10,91
15534140	Two paddles for 5mL/7mL tubes	10,91
15524140	Two paddles for 10mL/15mL tubes	10,91
15564140	Paddle for 50mL tubes	10,91

The Fisherbrand multi purpose tube rotator offers flexibility with multiple carousel options, adjustable speed, and an angled head for added versatility

Multi purpose tube rotator

- Digital microprocessor control
- Six carousel options for maximum versatility
- Adjustable speed from 5 to 80rpm
- Adjustable angled head
- Timer features both time up and time down counting modes
- Display will show last used settings
- Two year warranty



Cat No.	Description	Price
15524080	Multi purpose tube rotator	341,05
Optional ac	cessories	
15554090	50 place tube carousel for 1,5/2,0mL tubes	128,25
15564090	30 place tube carousel for 15mL tubes	128,25
15574090	15 place tube carousel for 50mL tubes	128,25
15584090	10 and 20 place tube carousel for 10 to 15mL and 5 to 7mL tubes	128,25
15594090	64 place drum tube carousel for 14mm dia. tubes	128,25
15504100	64 place drum tube carousel for 18,5mm dia. 15-20mL tubes	128,25

The Fisherbrand multi platform shaker has smooth orbital shaking and a wide variety of optional accessories for multiple applications

Multi platform shaker

- Variable shaking speed: 50 to 450rpm
- Automatic load balancing system
- Continuous or timed operation with automatic switch-off
- Maximum flexibility with many options for interchangeable accessories
- Simple set up and easy operation
- Display will show last used settings
- Low voltage power supply provides for safe cold room operation and low energy consumption
- \bullet Operating temperature range of 5 to 40°C allows for use in cold rooms, refrigerators or non-CO_ incubators
- Two year warranty



Cat No.	Description	Price		
15594060	Multi platform shaker	655,47		
Required accessories: these items must also be purchased as appropriate				
15524100	Flat platform with non-slip rubber mat	91,20		
15534100	Platform with clamps for 6 x 250mL flasks/150mL beakers	168,15		
15544100	Platform with clamps for 12 x 100mL flasks/150mL beakers	168,15		
15554100	Universal platform with adjustable bars	195,70		
15564100	25mL stainless steel flask clamp	21,42		
15574100	50mL stainless steel flask clamp	22,80		
15584100	100mL stainless steel flask clamp	22,80		
15594100	250mL stainless steel flask clamp	25,56		
15504110	500mL stainless steel flask clamp	30,23		
15514110	1000mL stainless steel flask clamp	34,54		
15524110	2000mL stainless steel flask clamp	47,50		
15534110	3000mL stainless steel flask clamp	69,09		
15544110	5000mL stainless steel flask clamp	86,36		
15554110	Sticky mat 140mm x 140mm	34,54		
15564110	500mL infusion bottle clamp	34,54		
15574110	1000mL infusion bottle clamp	43,18		
15584110	Funnel clamp	69,09		
15594110	Fixed tube rack 40 x 14mm dia.	69,09		
15504120	Fixed tube rack 40 x 16mm dia.	69,09		
15514120	Adjustable angle tube rack 40 x 14mm dia.	77,73		
15524120	Adjustable angle tube rack 40 x 16mm dia.	77,73		

Note: Not for use in CO2 incubators. Will void warranty.

Fisherbrand

Fisherbrand'

Fisherbrand

Fisherbrand

BOO

2500

Tube rack

These sleek and compact bottle/tube rollers are capable of rolling multiple sizes of tubes or bottles

Digital \mathbf{CO}_2 and humidity resistant bottle/tube roller

- Anti-corrosive and wear resistant construction
- Adjustable rollers
- Stacking kit allows you to stack units two high
- Optional remote control



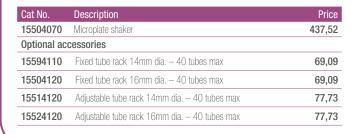
Cat No.	Description	Price
15376617	Digital CO_2 and humidity resistant bottle/tube roller	873,05
Optional ac		
15386617	Additional rollers (pack of two)	27,93
15316627	Stacking kit	62,85
15326627	Remote control	76,82

Featured Product

The Fisherbrand microplate shaker is designed for convenience and flexibility

Microplate shaker

- Variable shaking speed: 150 to 1000rpm
- Quick and easy fitting of any standard-depth microplates
- Continuous or timed operation, with automatic switch off
- Display will show last used settings
- Operating temperature of 5 to 40°C allows for use in refrigerators, cold rooms and non-CO₂ incubators
- Two year warranty





Fisherbrand

Fisherbrand open air rockers are ideal for cell culture work and can be used in a variety of environmental conditions

Open air rocker

- The microprocessor control provides electronic tilt angle adjustment which allows the user to easily adjust rocking angle from 1 to 15° while unit is operating
- Precise speed control
- Display will show last user settings
- LED display
- Audible and visual signals will activate when system detects an obstruction or overload of the tray
- Slowly increases speed to desired set-point
- Operating conditions: usable in refrigerators, cold rooms or non-CO₂ incubators, maximum 80% relative humidity, non-condensing
- Two year warranty





Cat No.	Description	Price	
15514070	Open air rocker	646,00	
Optional accessories			
15584130	Stacking tray assembly for open air rocker	80,14	
15594130	Dimpled rubber mat	33,16	
15514140	Rubber mat	33,16	

Precise stirring control with exceptional safety and temperature performance

thermoscientific

Thermo Scientific[™] Cimarec+[™] Digital Stirrers, Hotplates and Stirrer Hotplates

- Hotplates, stirrers and stirrer hotplates all available in three sizes: 10cm x 10cm, 18cm x 18cm and 25cm x 25cm
- Ceramic surfaces available for all sizes and aluminium available for 10cm x 10cm
- Easy to read digital LED display
- Automatic over-temperature protection and HOT TOP warning system
- Three year warranty to provide peace of mind

Receive special prices for the Cimarec+[™] range for a limited period.





Cat No.	Description	Price
Stirrers		
15463600	Cimarec+ basic, stirrer, ceramic top, 10cm x 10cm	221,35
15403610	Cimarec+ basic, stirrer, ceramic top, 18cm x 18cm	229,90
15443610	Cimarec+ basic, stirrer, aluminum top, 18cm x 18cm	290,70
15453620	Cimarec+ basic, stirrer, ceramic top, 25cm x 25cm	385,70
Hotplates		
15443600	Cimarec+ basic, hotplate, ceramic top, 10cm x 10cm	203,30
15493600	Cimarec+ basic, hotplate, ceramic top, 18cm x 18cm	220,40
15443620	Cimarec+ basic, hotplate, ceramic top, 25cm x 25cm	375,25
Stirrer hotp	lates	
15483600	Cimarec+ basic, stirrer hotplate, ceramic top, 10cm x 10cm	359,10
15433610	Cimarec+ basic, stirrer hotplate, ceramic top, 18cm x 18cm	383,80
15423610	Cimarec+ basic, stirrer hotplate, ceramic top, 18cm x 18cm (with AUS/CHN plug)	383,80
15453610	Cimarec+ basic, stirrer hotplate, aluminum top, 18cm x 18cm	456,00
15413610	Cimarec+ basic, stirrer hotplate, ceramic top, 18cm x 18cm (EU plug)	383,80
15483620	Cimarec+ basic, stirrer hotplate, ceramic top, 25cm x 25cm	503,50
15463620	Cimarec+ basic, stirrer hotplate, ceramic top, 25cm x 25cm (EU plug)	503,50
15473620	Cimarec+ basic, stirrer hotplate, ceramic top, 25cm x 25cm (AUS/CHN plug)	503,50

Featured Product

Protect your hearing. Situational awareness. Enhanced attention

3M[™] PELTOR[™] ProTac[™] III Headset

- Hearing protector helps protect against harmful noise, whilst allowing ambient sounds to be heard
- Built-in level-dependent function allows the wearer to hear ambient sounds, such as conversations, machine sounds and warning signals
- 3,5mm jack to connect to your mobile phone or 2-way radio to hear the call right in your ear
- Auto power-off turns headset off after four hours of non-use to save energy, a low battery warning informs you when to change batteries
- · Voice guided menu system so no need to take your headset off
- Level dependant microphone for ambient listening

You have two great reasons to protect your hearing – your ears. The 3M[™] PELTOR[™] ProTac[™] III Headset with level-dependent function for ambient listening helps you focus on your work and communicate with colleagues in noisy environments, without removing the hearing protection. Stereo feedback will allow you to hear and better determine direction of alarms, warning cries, reversing vehicles and so on.





79.95
13,35
74,95
74,95
79,95

© 2017 Thermo Fisher Scientific Inc. All rights reserved. Trademarks used are owned as indicated at www.fishersci.com/trademarks.

In Belgium: For customer service, call 056 260 260 To fax an order, use 056 260 270 To order online: www.fishersci.be



ЗM

12279_BE_EN