



# Electrophoresis equipment

# Choice and reliability at a budget-friendly price

The Fisherbrand™ Electrophoresis products represent a complete selection of electrophoresis equipment to meet the demands of life science laboratories. All Electrophoresis products offer dependable operation and durable construction at an economical price. Browse the following selection of products to discover the options, and for complete details, please visit [www.fishersci.com](http://www.fishersci.com)

## Horizontal electrophoresis systems

### Simple, leak-free casting

#### Minigel system

- Ideal for quick screening
- Runs up to 16 samples on one gel with combs supplied

#### Midigel systems

- Available with patented buffer recirculation method which prevents buffer's ionic depletion on long gel runs, keeps ionic gradients from distorting results when multiple sample series are run simultaneously, and prevents pH changes that can cause problems in RNA gels
- Run up to 32 samples on one gel with combs supplied

#### Large gel systems

- Improve resolution in Northern and Southern blotting of large gels and multiple samples
- Available with same self-contained buffer recirculation method as Midigel System
- Run up to 36 samples per comb position with supplied combs
- May also be used with programmable power inverter for field inversion electrophoresis

#### Wide-format system

- Runs 25 to 250 samples simultaneously on one gel
- May be used with included microwell-format combs and a multichannel pipetter to load samples directly from a 96-well plate for faster loading and reduced error



System	Gel Size	Buffer Vol.	LxWx H	Type	Cat. No.
Minigel	7x10cm	400mL	6.25x3.75x3.13" (24.5x18x8cm)	Std.	FB-SB-710
		800mL	9.63x7.0x3.13" (24.5x18x8cm)	Std.	FB-SB-1316
Midigel	13x16cm	1000mL	10x7x4.75" (25x18x12cm)	Recirc.	FB-SBR-1316
		2.3L	14.75x11x4" (37.5x28x10cm)	Std.	FB-SB- 2025
Large gel	20x25cm	2.0L	15x10.25x5.13" (38x26x13cm)	Recirc.	FB-SBR-2025
		1.2L	13x11x5" (33x27x13cm)	Std.	FB-SB- 2318

## Vertical electrophoresis systems

### Double-sided—run two protein gels simultaneously

- Agarose plug method allows gel casting of one or two gels in the same system
- Sliding clamp assemblies make system assembly a snap and prevent leaks



Gel Size	Buffer Vol.	LxWx H	Cat. No.
10x10cm	300mL	4.25x6.75x6" (12x17x15cm)	FB-VE10-1
16x14cm	550mL	5.5x9.5x8.25" (14x24x21cm)	FB-VE16-1
20x20cm	1150mL	6.5x12x9.5" (16.5x31x24cm)	FB-VE20-1

## Vertical electrophoresis casters



Cat. No.	Dimensions
FBGC101	Plate size: 10x10cm
FBGC201	Plate Size: 16x 4cm
FBGC106	Plate size: 20x20cm

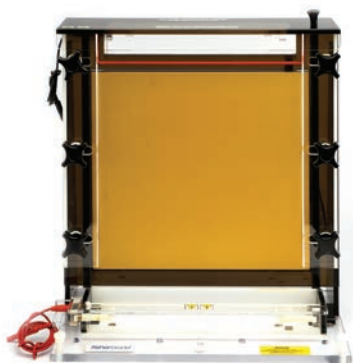
## Benchtop beta-radiation shields



Cat. No.	Dimensions
FB-BT1FIS	6x12x18.5in. (15x31x47cm)
FB-BT2FIS	6.37x12x 8 in. (16x31x46cm)

## DNA sequencing system

Run samples in all gel lanes without loss of data or questionable interpretation of the banding pattern.



Gel WxL	Glass Plate WxL	Buffer Vol.	LxWxH	Cat. No.
33x42cm	35x45cm	800mL	9.1x17.3x19.7" (23x44x50cm)	FB-SEQ- 3545

## Semi-dry blotting apparatus

Sleek, low-profile system for fast, efficient Western transfers.

- Transfers minigels in 15 to 30 minutes, full-sized gels in 30 to 60 minutes, with efficiencies of nearly 90%
- Requires only minimal amounts of buffer (about 250mL)



Transfer Area	LxWxH	Cat. No.
20x20cm	9.75x9.75x2" (25x25x5cm)	FB-SDB-2020

## Electrophoresis power supplies

Easy-to-use power supplies are designed for safety

### Compact Model FB300Q

- Ideal for SDS-PAGE, DGGE/CDGE, and DNA/RNA submarine electrophoresis

### High-Current Model FB200Q

- Perfect for high-current electroblotting (Western tank and semi-dry, Southern and Northern) and SDS-PAGE applications

### Programmable Models FB1000Q and FB3000Q

- Nine-program memory makes these units ideal for multi-user labs or multiple repetitive operations
- FB1000Q is designed for isoelectric focusing, SDS-PAGE, and native SDS-PAGE
- FB3000Q is ideal for DNA sequencing and high-voltage electrophoresis applications



# Electrophoresis power supplies

Type	Max. Voltage	Max. Current	Max. Power	No. of Jacks	Modes	Timer	LxWxH	Cat. No.
Compact	300V	400mA	75w	3	Voltage or current	0-999 min.	10.25x5.5x5.25" (26x14x13.3cm)	FB300Q
High current	200V	2.0A	200w	4	Voltage or current	99 hr. 59 min.	12x10.75x5.25" (31x27x13.3cm)	FB200Q
Programmable	1000V	500mA	250w	4	Voltage, current, or power	99 hr. 59 min.	12x10.75x5.25" (31x27x13.3cm)	FB1000Q
Programmable	3000V	400mA	400w	4	Voltage, current, or power	99 hr. 59 min.	12x10.75x5.25" (31x27x13.3cm)	FB3000Q

Models listed are 120V. 240V and International 230V models are also available. Contact your Fisherbrand Customer Service Representative for details.

## Gel combs

Use the charts below to select the ideal combs for your gel-casting requirements.

### Combs for horizontal gel systems

Comb Type	For 7x10cm Gels		For 13x16cm Gels		For 20x25cm Gels	
	1.0mm thick	1.5mm thick	1.0mm thick	1.5mm thick	1.0mm thick	1.5mm thick
5 tooth	FB-SB-733	FB-SB-734	—	—	—	—
8 tooth	—	—	FB-SB-1324	FB-SB-1325	FB-SB-2534	FB-SB-2535
12 tooth	—	—	FB-SB-1326	FB-SB-1327	FB-SB-2536	FB-SB-2537
16 tooth	—	—	FB-SB-1328	FB-SB-1329	FB-SB-2538	FB-SB-2539
20 tooth	—	—	FB-SB-1330	FB-SB-1331	FB-SB-2540	FB-SB-2541
24 tooth	—	—	FB-SB-1332	FB-SB-1333	FB-SB-2542	FB-SB-2543
28 tooth	—	—	—	—	FB-SB-2544	FB-SB-2545
32 tooth	—	—	—	—	FB-SB-2546	FB-SB-2547
36 tooth	—	—	—	—	FB-SB-2548	FB-SB-2549
42 tooth	—	—	—	—	FB-SB-2552	FB-SB-2553
Prep/marker comb	—	—	FB-SB-1336	—	FB-SB-2554	—
Wall comb	—	—	FB-SB-1337	—	FB-SB-2555	—
Microplate format	—	—	FB-SB-1334	FB-SB-1335	FB-SB-2550	FB-SB-2551

### Combs for vertical gel systems

Comb Type	For 10x10cm Gels			For 16x14cm Gels		For 20x20cm Gels	
	0.5mm thick	0.8mm thick	1.5mm thick	0.8mm thick	1.5mm thick	0.8mm thick	1.5mm thick
6 Tooth	FB-VE10-16	FB-VE10-17	FB-VE10-18	—	—	—	—
8 Tooth	—	FB-VE10-20	FB-VE10-21	—	—	—	—
10 Tooth	FB-VE10-22	FB-VE10-23	FB-VE10-24	FB-VE16-17	FB-VE16-18	FB-VE20-14	FB-VE20-15
12 Tooth	FB-VE10-25	FB-VE10-26	FB-VE10-27	—	—	—	—
15 Tooth	FB-VE10-28	—	—	FB-VE16-19	FB-VE16-20	FB-VE20-16	FB-VE20-17
20 Tooth	FB-VE10-29	—	—	FB-VE16-21	FB-VE16-22	FB-VE20-18	FB-VE20-19
24 Tooth	—	—	—	FB-VE16-23	FB-VE16-24	—	—
25 Tooth	—	—	—	—	—	FB-VE20-20	FB-VE20-21
Prep/marker	—	—	—	FB-VE16-27	—	FB-VE20-24	—

Find out more at [fishersci.com](http://fishersci.com)

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