

# EcoSep

*Economic Separations*



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Horizontal Electrophoresis Apparatus  
Vertical Electrophoresis Apparatus  
Electroblotting Apparatus  
UV-Transilluminators  
Gel-Documentation  
Power Packs

Product Catalog

## VERTICAL ELECTROPHORESIS APPARATUS FEATURES

### ECONOMICAL

- Less buffer required by virtue of its compact design
- Short run times as better efficiency of transfer current
- No cold room required as it can be run in the refrigerator
- Saves reagent & operator cost as leakage and errors are prevented

### RUGGED

- No buffer leakage through plastic joints as bonding is done with special glues
- Electrodes do not break and pit as they are protected and platinum is >99.9% pure
- No electrolytic corrosion of male connector as base is resin filled

### EASY ASSEMBLY

- Cassette frames can be assembled easily with help of guide pins
- No slippage during handling of cassette frame, sponge and gel due to locking nuts

### ERROR MINIMIZATION

- No migration of samples in wrong direction due to unidirectional feature
- No wrong assembly of gel sandwich as engraved markings and unidirectional insertion prevent mistakes

#### Electroblotting apparatus

### NANOBLOT

For western blotting  
(Cat. No. E110060)



- **Single cassette**
- **Uni-directional insertable cassettes and electrode plates**
- **Uni-directional migration**
- **Transfer one or two gels at a time**
- **Gel size: 6 (w) x 5 (l) cm**
- **Buffer requirement: 250 mL**

#### Ordering description

**Nanoblot:** Single cassette western blotting system, can accommodate two gels (gel size 6 (w) x 5 (l) cm with uni-directional migration and constructed for cassette and electrode plate insertion in the correct direction only.

#### Ready-to-use system includes

1. Tank
2. Lid
3. Gel & membrane holding cassette with guide pins, stoppers and locking nuts insertable in only one manner
4. Two sponge pads
5. Cathode and anode plates insertable in only one manner, with electrodes for uni-directional migration and male connectors (2 mm)
6. Electrical cords with female (2 mm) & male connectors designed for user safety (1 pair)
7. Instruction manual

Refer to page 12 for full list of spares and accessories

### SlimPage and its accessories

E0100142	Slimpage, ready-to-use system	System
E0100143	Slimpage-D, ready-to-use system	System
E0105085	Clamps with screws (one pair)	Set
E0106148	Screws for clamps and CEU (two of each)	Set
E0109304	Silicone gasket for cathodic electrode unit	Piece
E0114042	Comb 1.5 mm thick, PMMA, 4 wells	Piece
E0117852	Spacers, 1.5 mm thick, PMMA (one pair)	Set
E0128082	Notched and rectangular glass plate, 8 (w) x 8.5 (l) cm (one of each)	Set
E0133075	Gel-casting stand with binder clips	Piece
E0135045	Glass plate stand	Piece

### EcoPage and its accessories

E0200142	Ecopage, ready-to-use system	System
E0200143	Ecopage-D, ready-to-use system	
E0205085	Clamps with screws (one pair)	Set
E0206148	Screws for clamps and CEU (two of each)	Set
E0209304	Silicone gasket for cathodic electrode unit	Piece
E0214082	Comb 1.5 mm thick, PMMA, 8 wells	Piece
E0217852	Spacers, 1.5 mm thick, PMMA (one pair)	Set
E0228082	Notched and rectangular glass plate, 11 (w) x 8.5 (l) cm (one of each)	Set
E0233075	Gel-casting stand with binder clips	Piece
E0235065	Glass plate stand	Piece

### NanoBlot and its accessories

E1100060	Nanoblot, ready-to-use system	System
E1103063	Cathode and anode plates with male connectors (2 mm), uni-directional insertion and migration feature	Set
E1106504	Gel membrane-holding cassette with guide-pins, stoppers and locking -nuts	Set
E1110075	Sponge pads (four)	Packet
E1121304	Guide pins with stoppers and locking nuts (two of each)	Packet

### SlimSub and its accessories

E2100031	Slimsub, ready-to-use system with UV-opaque tray	System
E2100032	Slimsub, ready-to-use system with UV-transparent tray	System
E2100033	Slimsub-D, ready-to-use system with UV-opaque tray	System
E2100034	Slimsub-D, ready-to-use system with UV-transparent tray	System
E2101051	Cathode (black) and anode (red) electrode plates with 2 mm male connectors	Set
E2101052	Cathode (black) and anode (red) electrode plates with 4 mm male connectors	Set
E2103103	UV-opaque tray [3 (w) x 10 (l) cm]	Piece
E2103104	UV-transparent tray [3 (w) x 10 (l) cm]	Piece
E2110042	Comb 1.5 mm, PMMA, 4 well for 3 cm wide gel	Piece

### EcoSub and its accessories

E2200071	Ecosub, ready-to-use system with UV-opaque tray	System
E2200072	Ecosub, ready-to-use system with UV-transparent tray	System
E2200073	Ecosub-D, ready-to-use system with UV-opaque tray	System
E2200074	Ecosub-D, ready-to-use system with UV-transparent tray	System
E2201553	Cathode (black) and anode (red) electrode plates with 2 mm male connectors	Set
E2101052	Cathode (black) and anode (red) electrode plates with 4 mm male connectors	Set
E2203101	UV-opaque tray [7 (w) x 10 (l) cm]	Piece

E2203102	UV-transparent tray [7 (w) x 10 (l) cm]	Piece
E2103103	UV-opaque tray [gel size 3 (w) x 10 (l) cm]	Piece
E2103104	UV-transparent tray [gel size 3 (w) x 10 (l) cm]	Piece
E2210082	Comb 1.5 mm, PMMA, 8 well for 7 cm wide gel	Piece
E2110042	Comb 1.5 mm, PMMA, 4 well for 3 cm wide gel	Piece

### TubbySub and its accessories

E2300151	Tubbysub, ready-to-use system with UV-opaque tray	System
E2300152	Tubbysub, ready-to-use system with UV-transparent tray	System
E2300153	Tubbysub-D, ready-to-use system with UV-opaque tray	System
E2300154	Tubbysub-D, ready-to-use system with UV-transparent tray	System
E2302051	Cathode (black) and anode (red) electrode plates with 2 mm male connectors	Set
E2302052	Cathode (black) and anode (red) electrode plates with 4 mm male connectors	Set
E2103103	UV-opaque tray [3 (w) x 10 (l) cm]	Piece
E2103104	UV-transparent tray [3 (w) x 10 (l) cm]	Piece
E2203101	UV-opaque tray [7 (w) x 10 (l) cm]	Piece
E2203102	UV-transparent tray [7 (w) x 10 (l) cm]	Piece
E2303105	UV-opaque tray [15 (w) x 10 (l) cm]	Piece
E2303106	UV-transparent tray [15 (w) x 10 (l) cm]	Piece
E2110042	Comb 1.5 mm, PMMA, 4 well for 3 cm wide gel	Piece
E2210082	Comb 1.5 mm, PMMA, 8 well for 7 cm wide gel	Piece
E2310152	Comb 1.5 mm, PMMA, 15 well for 15 cm wide gel	Piece
E2310202	Comb 1.5 mm, PMMA, 20 well for 15 cm wide gel	Piece

### UV-transilluminators and its accessories

E3161002	Gloworm-2, ready-to-use system	System
E3161004	Gloworm-4, ready-to-use system	System
E3163092	UVA tubes for Gloworm-2 (2 No.)	Set
E3163094	UVA tubes for Gloworm-4 (4 No.)	Set
E3171500	Compact trapezoid dark viewing hood (for window size 10 x 10 cm), height 15 cm with detachable binocular chromafilter eyepiece for GLOWORM-2/4	Unit
E3181913	Detachable binocular chromafilter eyepiece for trapezoid dark viewing hood	Piece

### Gel Documentation system

E3561000	Ecodoc: gel documentation system.	System
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### Power supply

E4100025	Electravolt: Power supply with five fixed voltage outputs of 80, 110, 140, 170, 200	System
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### Labware

E5101105	Stand for micropipettes	Piece
E5202106	Micro-test tube stand	Unit
E5303810	Tip & tube discard container	Unit
E5402078	Microbial chemotaxis chamber	Piece
E6130257	Gel-sandwich opener	Piece
E6236182	Agarose dispenser	Piece
E6305150	Gel-slicer, breakage resistant, 6.5 (w) x 15 (l) cm	Piece
E6640122	Electrical cords with male & female (2 mm) connectors designed for user safety	Piece
E6640124	Electrical cords with male & female (4 mm) connectors designed for user safety	Piece
E6720167	Gradient mixer	Piece
E6941219	Penta-legged levelling table	Piece

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