

EcoSep

Economic Separations

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Horizontal Electrophoresis Apparatus

Vertical Electrophoresis Apparatus

Electroblotting Apparatus

Gel-Documentation

Power Supplies

Micropipettes

Minipipettes

pH Meters

Electroblotting Apparatus
Product Catalog



***ECONOMIC RANGE
ELECTRO BLOTTING APPARATUS
SALIENT FEATURES***



Easy Assembly

- Cassette frames can be assembled easily with the 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

Rugged

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

Economical

- Less buffer required
- Short run times as efficiency is higher
- No cold room required as it can be run in a fridge due to small foot print.
- Saves reagent & operator cost as leakage and errors are prevented

***ECONOMIC RANGE
ELECTRO BLOTTING APPARATUS
SELECTION GUIDE***

Model	Description	Gel Size (w) x (l) cm	Max. No. of Gels	Connector type	Unidirectional insertion of cassettes	Buffer required	Recommended power supply
NANOBLOT E1100060	For protein blotting	6 x 5	2	4 mm	Yes	250 mL	Beacon/ Spark/ LightSaber
TUBBYBLOT E1300060	For protein blotting	16 x 14	2	4 mm	No	1000 mL	

* - Power supply is not a part of the ready-to-use system

NANOBLLOT

For western blotting

Gel size: 6 (w) x 5 (l) cm

- ✓ Single cassette
- ✓ Uni-directional insertable cassettes and electrode plates
- ✓ Transfer one or two gels at a time
- ✓ Gel thickness: 1.5 mm
- ✓ Buffer requirement: 250 mL



Nanoblot with cassette (Right)

Features of this apparatus

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 & errors are prevented

Rugged

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

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

- Wrong direction of migration of samples is prevented due to the unidirectional feature
- No wrong assembly of gel sandwich, as engraved markings and unidirectional insertion prevent mistakes

Ready-to-use system includes

	E0400142
1. Tank	Y
2. Lid	Y
3. Gel & membrane holding cassette with guide pins, stoppers and locking units insertable in only one manner	Y
4. Two sponge pads	Y
5. Cathode and anode plates insertable in only one manner, with electrodes for uni-directional migration and male connectors	Y
6. Electrical cords with female & male connectors designed for user safety (one pair)	Y
7. Instruction manual	Y

Ordering description

Nanoblot (E1100060): 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.

Nanoblot and its spares and accessories

Item Description	Cat. No.	Unit
Nanoblot, ready-to-use system.	E1100060	System
Cathode and anode plates with male connectors (2mm), uni-directional insertion and migration feature	E1103063	Set
Gel membrane-holding cassette for transfer of anions with guide-pins, stoppers and locking-nuts	E1106504	Set
Sponge pads (Four)	E1110075	Packet
Guide pins with stoppers and locking nuts (two of each)	E1121304	packet

TUBBYBLOT

For western blotting

Gel size: 16 (w) x 14 (l) cm

- ✓ Single cassette
- ✓ Uni-directional insertable cassettes and electrode plates
- ✓ Transfer one or two gels at a time
- ✓ Gel thickness: 1.5 mm
- ✓ Buffer requirement: 2 L



Tubbyblot with cassette (Representational image)

Features of this apparatus

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 & errors are prevented

Rugged

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

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

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

Ready-to-use system includes

	E1300060
1. Tank	Y
2. Lid	Y
3. Gel & membrane holding cassette with guide pins, stoppers and locking units insertable in only one manner	Y
4. Two sponge pads	Y
5. Cathode and anode plates insertable in only one manner, with electrodes for uni-directional migration and male connectors (2 mm)	Y
6. Electrical cords with female (2 mm) & male connectors designed for user safety (one pair)	Y
7. Instruction manual	Y

Ordering description

Tubbyblot (E1300060): Single cassette western blotting system, can accommodate two gels (gel size 16 (w) x 14 (l)) cm with uni-directional migration and constructed for cassette and electrode plate insertion in the correct direction only

Tubbyblot and its spares and accessories

Item Description	Cat. No.	Unit
Tubbyblot, ready-to-use system.	E1300060	System
Cathode and anode plates with male connectors (4 mm), uni-directional insertion and migration feature	E1303063	Set
Gel membrane-holding cassette for transfer of anions with guide-pins, stoppers and locking-nuts	E1306504	Set
Sponge pads (Eight)	E1310075	Packet
Guide pins with stoppers and locking nuts (four of each)	E1321304	packet