

E-Blotter System

Description: E-Blotter system is an ideal system for effective electro-transfer applications. It includes E-Blotter buffer tank, E-Blotter module, instruction manual.

Technical Specification:

- E-Blotter buffer tank dimension : 20 x 13 x 16.5 (cm) (L x W x H)
- E-Blotter module dimension : 22 x 6.8 x 11 (cm) (L x W x H)
- E-Blotter transfer gel size : 11 x 7.5 (cm) (W x H)

New UV Cross Linker

Description: UV Cross linkers are used to bind nucleic acids to membrane using ultra violet energy. The correct ultra violet dosage can be set using the membrane switch key pad, in either energy units or in time. There are nine preset programmes in energy exposure and time exposure.

Applications:

- Fixing of nucleic acids to nylon or nitrocellulose membranes.
- Elimination or reduction of PCR Contamination.
- Gene mapping for creating cleavage inhibiting thymine dimmers.
- Ultraviolet curing of polymers, adhesives and links.
- Ultraviolet sterilisation

Technical Specification:

- Wavelength : 312 nm
- Programmer : Microprocessor
- Preset Programmes : 9

Electro Transfer Systems

In electrophoretic transfer (blotting) method, the gel containing the separated sample is sandwiched between immobilizing membranes. When an electric field is applied, the separated molecules are transferred from the gel to the membrane, where they are bound and readily accessible for further analysis. We offer **GeNei™** Blot models: Mini Model (8 x 7 cm gel) & Regular Model (16 x 14 cm gel) are single cassette models for western blotting of proteins onto membrane filters. Dual models of the same are for the electrophoretic transfer of two gels simultaneously and are provided with heat exchanger which controls the temperature of the system and increases the transfer efficiency considerably.

Electro Transfer Mini Model (Cat # 106816)

Description: Buffer reservoir (less than 350 ml capacity) (1 No.), gel cassette for 8 x 7 cm gel (1 No.), Platinum detachable electrode cells (2 Nos.), filter pads (6 Nos.), cushion pads (12 Nos.), Lid (1 No.) and Connecting cord (2 Nos.) and instruction manual.

Electro Transfer Mini Dual Model (Cat # 106819)

Description: Buffer reservoir (less than 600 ml capacity) (1 No.) gel cassette for 8 x 7 cm gel (2 No.), Platinum electrode cells mounted at 3.0 cm distance (2 Nos.), filter pads (1 Pk.), cushion pads (1 Pk.), Heat exchanger (1 No.), Lid (1 No.) and Connecting cord (2 Nos.) and instruction manual.

Electro Transfer Regular Model (Cat # 106850)

Description: Buffer reservoir (less than 1000 ml capacity) (1 No.), gel cassette 16 x 14 cm gel (1 No.), Platinum electrode cells mounted at 3.0 cm distance (2 Nos.), filter pads (6 Nos.), cushion pads (12 Nos.), Lid (1 No.), and Connecting cord (2 Nos.) and instruction manual.

Electro Transfer Regular Dual Model (Cat # 106853)

Description: Buffer reservoir (less than 1500 ml capacity) (1 No.), gel cassette for 16 x 14 cm gel (2 No.), Platinum electrode cells mounted at 3.0 cm distance (2 Nos.), filter pads (6 Nos.), cushion pads (12 Nos.), Heat exchanger (1 No.), Lid (1 No.) and Connecting cord (2 Nos.) and instruction manual.

Recommended Power Supply: GeNei™ Digital PS 3000: 250 V / 3 Amp. Cat # 106858

Technical Information - Electro Transfer Systems

Specification	Mini Model	Mini dual Model	Regular Model	Regular dual Model
Dimensions (l x b x h) cm	11 x 17 x 16	11 x 12 x 16	18 x 7 x 24	18 x 12 x 24
Gel Size (cm)	8 x 7 (1 gel)	8 x 7 (2 gels)	16 x 14 (1 gel)	16 x 14 (2 gels)
Buffer Required	350 ml	600 ml	1000 ml	1500 ml
Cat No.	106816	106819	106850	106853