TE70X and TE77X Semi-Dry Transfer Units

Efficient design that uses minimal buffer to transfer proteins from polyacrylamide gels in less than an hour

The Semi-Dry Transfer Units support as many as two layers of gels being transferred simultaneously. The TE70X has a 14 x 16 cm maximum transfer area which can handle up to four mini gels using the stacked format. The TE77X has a 21 x 26 cm transfer area for a capacity of up to 12 mini gels at one time.

Technical Specifications

Transfer Area:
- TE70X . . . . . Up to 14 x 16 cm
- TE77X . . . . . Up to 21 x 26 cm

Maximum Power Settings . . . . . 30 V, 500 mA, 15 W
Maximum Temperature . . . . . 45°C
Indoor Use . . . . . 4-40°C
Humidity . . . . . Up to 80%
Unit Dimensions (w x h x d) . . . . . 38 x 46 x 9 cm
Safety Certifications . . . . . EN61010-1, UL61010-1, CSA22.2 1010.1, CE

Ordering Information

Cat. #	Description
TE70X	Semi-Dry Transfer Unit

Includes:
- *Molded Base w/Platinum Coated Titanium Anode and High Voltage Leads*
- *Hinged Lid w/Stainless Steel Cathode*
- *Blotter Paper (14 x 16 cm)–25 sheets*
- *Porous Cellophane (20 x 35.5 cm)–50 sheets*
- *Mylar® Masks (16.5 x 18.5 cm)–2 pcs*

Cat. #	Description
TE77X	Large Semi-Dry Transfer Unit

Includes:
- *Molded Base w/Platinum Coated Titanium Anode and High Voltage Leads*
- *Hinged Lid w/Stainless Steel Cathode*
- *Blotter Paper (21 x 26 cm)–25 sheets*
- *Porous Cellophane (20 x 35.5 cm)–50 sheets*
- *Mylar Masks (23 x 27.5 cm)–2 pcs*

Accessories and Replacement Parts

Cat. #	Description
TE74	Mylar Masks (16.5 x 18.5 cm)–4 pcs
TE78	Large Mylar Masks (23 x 27.5 cm)–4 pcs
TE76-1416	Blotter Paper (14 x 16 cm)–25 sheets
TE76	Large Blotter Paper (21 x 26 cm)–25 sheets
TE73	Porous Cellophane (20 x 35.5 cm)–50 sheets

Hoefer offers a variety of high efficiency transfer membranes (nylon, nitrocellulose, and PVDF). For more information, please see page 67.

Features and Benefits

Included safety circuit breaker–limits voltage and current from the users power supply, preventing electrical damage to the transfer unit

Requires minimal current–does not generate the excessive heat that can dry out the transfer stack and halt transfer or damage transfer units

Durable iridium oxide and stainless steel electrodes–allow for contamination free, consistent transfer

Vented electrodes–prevent build up of bubbles which may impair transfer

Minimal buffer requirements–reagent cost and preparation time are reduced

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