

TE70XP and TE77XP Semi-Dry Transfer Units with Built-In Power Supply



Unique design that includes an intelligent built-in power supply which automatically monitors the transfer status, stopping the transfer before the stack overheats

The Semi-Dry Transfer Units support as many as two layers of gels being transferred simultaneously. The TE70XP has a 14 x 16 cm maximum transfer area which can handle up to four mini gels using the stacked format. The TE77XP has a 21 x 26 cm transfer area for a capacity of up to 12 mini gels at one time.

Technical Specifications

Transfer Area:

TE70XP Up to 14 x 16 cm

TE77XP 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
TE70XP	Semi-Dry Transfer Unit with Built-In Power Supply

Includes:

- Molded Base w/Platinum Coated Titanium Anode and Internal Power Supply
- 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
TE77XP	Large Semi-Dry Transfer Unit with Built-In Power Supply

Includes:

- Molded Base w/Platinum Coated Titanium Anode and Internal Power Supply
- 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

Features and Benefits

Intelligent built-in power supply–prevents the stack from overheating by monitoring the transfer status

Requires minimal current–does not generate 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

Hoefler's Blotting Paper is extra thick to absorb and hold the buffer during semi-dry transfer. Without adequate buffer, the solutions may deplete and no longer conduct current or dry out and fail to provide continuity in the semi-dry stack. Each sheet is ~1 mm thick when hydrated and is available in either 14 x 16 cm (TE76-1416) or 21 x 26 cm (TE76) sizes.