

## TECHNOBLOT-O

**Gel size: 10 (w) x 10.5 (l) cm**

**For western, northern and Southern blotting**

**Single cassette**

## TECHNOBLOT

**Gel size: 10 (w) x 10.5 (l) cm**

**For western, northern and Southern blotting**

**Dual cassette**

## TECHNOBLOT-F

**Gel size: 10 (w) x 10.5 (l) cm**

**For western, northern and Southern blotting**

**Four cassettes**



Technoblot

- ✓ **Uni-directional insertable cassettes and electrode plates**
- ✓ **Uni-directional migration**
- ✓ **Transfer multiple gels at a time**
- ✓ **Buffer capacity: Technoblot O - 1500 mL**  
                                   **Technoblot - 1900 mL**  
                                   **Technoblot-F - 3500 mL**

### Features of this apparatus

Efficiency of Transfer	Rugged	Error Minimization	Versatile	Economical
<ul style="list-style-type: none"> <li>• Hi-fidelity of transfer as large open surface area of cassette allows unhindered passage of current</li> <li>• Short transfer times as low resistance to passage of current due to cassette frame design and sponge quality</li> </ul>	<ul style="list-style-type: none"> <li>• No buffer leakage through plastic joints as bonding is done with special glues</li> <li>• Electrodes do not break as they are thick and platinum is &gt;99.9% pure</li> <li>• No electrolytic corrosion of male connector as base is resin filled</li> </ul>	<ul style="list-style-type: none"> <li>• Samples do not migrate in the wrong direction due to uni-directional migration feature</li> <li>• Wrong assembly of gel sandwich deterred as engraved markings and unidirectional insertion prevent mistakes</li> </ul>	<ul style="list-style-type: none"> <li>• Besides western blotting, even Southern &amp; northern transfer of bio-molecules from fragile (agarose) gels possible as innovative cassette design prevents crushing of gels</li> </ul>	<ul style="list-style-type: none"> <li>• Less buffer required</li> <li>• Short run times as better efficiency of transfer current</li> <li>• No cold room required as it can be run in the refrigerator due to its small footprint</li> <li>• Saves reagent &amp; operator cost as leakage and errors are prevented</li> </ul>

### Ready-to-use system includes

	13.00001	13.00000	13.00004
1. Tank	Y	Y	Y
2. Lid	Y	Y	Y
3. Gel & membrane holding cassette with guide pins, stoppers and locking nuts insertable in only one manner	Y (1 pc.)	Y (2 pcs.)	Y (4 pcs.)
4. Sponge pads	Y (2 pcs.)	Y (4 pcs.)	Y (8 pcs.)
5. Push screws for locking cassettes	Y (4 pcs.)	Y (8 pcs.)	Y (16 pcs.)
6. Cathode & anode plates insertable in only one manner, with electrodes, uni-directional migration & gold plated male connectors.	Y	Y	Y
7. Electrical cords with gold plated male & female connectors for user safety (one pair)	Y	Y	Y
8. Instruction manual	Y	Y	Y

### Ordering description

**Technoblot-O (13-00001):** Single cassette western blotting system, can accommodate one/ two gels (gel size 10 (w) x 10.5 (l) cm), with uni-directional migration and constructed for cassette and electrode plate insertion in the correct direction only

**Technoblot (13-00000):** Dual cassette western blotting system, can accommodate two/ four gels (gel size 10 (w) x 10.5 (l) cm), with uni-directional migration and constructed for cassette and electrode plate insertion in the correct direction only

**Technoblot-F (13-00004):** Four cassette western blotting system, can accommodate four/ eight gels (gel size 10 (w) x 10.5 (l) cm), with uni-directional migration and constructed for cassette and electrode plate insertion in the correct direction only

### Technoblot and its spares and accessories

Item Description	Cat. No.	Unit
Technoblot-O, ready-to-use system	13-00001	System
Technoblot, ready-to-use system	13-00000	System
Technoblot-F, ready-to-use system	13-00004	System
Cathode and anode plates with male connectors for uni-directional insertion and migration feature	13-03115	Set
Cathode plate with male connector for uni-directional insertion and migration feature	13-04115	Piece
Anode plate with male connector for uni-directional insertion and migration feature	13-05115	Piece
Gel membrane-holding cassette for transfer of <i>anions</i> with push-nut locking adapters and guide pins	13-06734	Piece
Gel membrane-holding cassette for transfer of <i>cations</i> with push-nut locking adapters and guide pins	13-07734	Piece
Sponge pads (six)	13-10115	Packet
Push screws (eight)	13-20210	Packet
Guide pins with stoppers and locking nuts (eight of each)	13-21304	Packet
Buffer saver (25 mm thick)	13-37121	Piece
Electrical cords with gold plated male & female connectors designed for user safety	66-41124	Pair
Penta-legged levelling table (21 x 21 cm) with spirit level	69-41219	Set
Technoblot-O tank. Replacement part for single cassette blotting system, constructed for cassette and electrode plate insertion only in the correct direction	13-01001	Piece
Technoblot tank. Replacement part for dual cassette blotting system, constructed for cassette and electrode plate insertion only in the correct direction	13-01000	Piece
Technoblot-F tank. Replacement part for four cassette blotting system, constructed for cassette and electrode plate insertion only in the correct direction	13-01004	Piece