RESEARCHER RANGE

BLOTTING APPARATUS SPECIAL FEATURES

EFFICIENCY OF TRANSFER
Hi-fidelity of transfer as large open surface area in cassette frame allows unhindered passage of current

Short transfer times as low resistance to passage of current due to cassette frame design and sponge quality

RUGGED
No buffer leakage through plastic joints as bonding is done with special glues

Electrodes do not break as they are thick and platinum is >99.9% pure

No electrolytic corrosion of male connector as base is resin filled

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

VERSATILE
Besides western blotting, Southern & northern transfer of bio-molecules from fragile (agarose) gels possible as innovative cassette design prevents crushing of gels

ECONOMICAL
Lesser requirement of buffer

Short run times as better efficiency of transfer current

No cold room required as it can be run in the refrigerator due to its small footprint

Saves reagent & operator cost as leakage and errors are prevented

Manufactured and Marketed by TechResource
188, Nagdevi Street, 2nd Floor, Mumbai 400003.
www.technosource.biz, Email: ts1@vsnl.com; Tel: (022) 28937286
RESEARCHER RANGE

ELECTROBLOTTING APPARATUS SELECTION GUIDE

All our systems
✓ Have uni-directional migration.
✓ Cassette and electrode plate insertion in the correct direction only
✓ Sample loss due to user error prevented

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Cassettes</th>
<th>No of gels transferred at a time</th>
<th>Gel size (w) x (l) (cm)</th>
<th>Buffer Requirement</th>
<th>Recommended power supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICROBLOT</td>
<td>For western blotting</td>
<td>One</td>
<td>Two</td>
<td>8 x 5</td>
<td>450 mL</td>
<td>Electragel-100</td>
</tr>
<tr>
<td>MIDIBLOT</td>
<td>For western blotting</td>
<td>One</td>
<td>Two</td>
<td>8 x 7</td>
<td>800 mL</td>
<td>Electracomet</td>
</tr>
<tr>
<td>TECHNOBLOT</td>
<td>For western, northern and Southern blotting</td>
<td>Two</td>
<td>Four</td>
<td>10 x 10.5</td>
<td>1900 mL</td>
<td>Electracomet</td>
</tr>
</tbody>
</table>

Manufactured and Marketed by TechResource
188, Nagdevi Street, 2nd Floor, Mumbai 400003.
www.technosource.biz, Email: ts1@vsnl.com; Tel: (022) 28937286
**MICROBLOT**

*Gel size: 8 (w) x 5 (l) cm*

*For western blotting*

- Single cassette
- Uni-directional insertable cassettes and electrode plates
- Uni-directional migration
- Transfer one or two gels at a time
- Buffer capacity: 450 mL

**Ready-to-use system includes**

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

**Ordering description**

*Microblot*: Single cassette western blotting system, can accommodate two gels (gel size 8 (w) x 5 (l) cm), with uni-directional migration and constructed for cassette and electrode plate insertion in the correct direction only

**Microblot and its spares and accessories**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cat No.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microblot, ready-to-use system</td>
<td>15-00000</td>
<td>System</td>
</tr>
<tr>
<td>Cathode and anode plates with male connectors (2 mm), uni-directional insertion</td>
<td>15-03083</td>
<td>Set</td>
</tr>
<tr>
<td>and migration feature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gel membrane-holding cassette for transfer of anions with guide-pins, stoppers</td>
<td>15-08504</td>
<td>Set</td>
</tr>
<tr>
<td>and locking-nuts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponge pads (four)</td>
<td>15-10095</td>
<td>Packet</td>
</tr>
<tr>
<td>Guide pins with stoppers and locking nuts (two of each)</td>
<td>15-21304</td>
<td>Packet</td>
</tr>
<tr>
<td>Electrical cords with female (2 mm) &amp; male connectors designed for user safety</td>
<td>66-40122</td>
<td>Pair</td>
</tr>
</tbody>
</table>

Manufactured and Marketed by **TechResource**

188, Nagdevi Street, 2nd Floor, Mumbai 400003.

[www.techresources.biz](http://www.techsource.biz), Email: ts1@vsnl.com; Tel: (022) 28937286
MIDIBLOT

**Gel size: 8.5 (w) x 9 (l) cm**

*For western blotting*

- Single cassette
- Uni-directional insertable cassettes and electrode plates
- Uni-directional migration
- Transfer one or two gels at a time
- Buffer capacity: 800 mL

**Ready-to-use system includes**

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

**Ordering description**

Midiblot: Single cassette western blotting system, can accommodate two gels (gel size 8.5 (w) x 9 (l) cm), with uni-directional migration and constructed for cassette and electrode plate insertion in the correct direction only

**Microblot and its spares and accessories**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cat No.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midiblot, ready-to-use system</td>
<td>16-00000</td>
<td>System</td>
</tr>
<tr>
<td>Cathode and anode plates with male connectors (2 mm), uni-directional insertion</td>
<td>16-03083</td>
<td>Set</td>
</tr>
<tr>
<td>and migration feature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gel membrane-holding cassette for transfer of anions with guide-pins, stoppers</td>
<td>16-08504</td>
<td>Set</td>
</tr>
<tr>
<td>and locking-nuts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponge pads (four)</td>
<td>16-10095</td>
<td>Packet</td>
</tr>
<tr>
<td>Guide pins with stoppers and locking nuts (two of each)</td>
<td>16-21304</td>
<td>Packet</td>
</tr>
<tr>
<td>Electrical cords with female (2 mm) &amp; male connectors designed for user safety</td>
<td>66-40122</td>
<td>Pair</td>
</tr>
</tbody>
</table>
**TECHNOBLOT**

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

*For western, northern and Southern blotting*

- Dual cassette
- Uni-directional insertable cassettes and electrode plates
- Uni-directional migration
- Transfer one to four gels at a time
- Buffer requirement: 1900 mL

**Ready-to-use system includes**

1. Tank
2. Lid
3. Two gel & membrane holding cassettes with guide pins, stoppers and locking nuts insertable in only one manner
4. Four sponge pads
5. Eight push screws for locking cassettes
6. Cathode and anode plates insertable in only one manner, with electrodes for uni-directional migration and gold plated male connectors
7. Electrical cords with gold plated male & female connectors for user safety (1 pair)
8. Instruction manual

**Ordering description**

*Technoblot: Dual cassette blotting system for western, northern and Southern blotting, 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 only in the correct orientation*

**Technoblot and its spares and accessories**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cat No.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technoblot, ready-to-use system</td>
<td>13-00000</td>
<td>System</td>
</tr>
<tr>
<td>Cathode and anode plates with male connectors for uni-directional insertion and migration feature</td>
<td>13-03115</td>
<td>Set</td>
</tr>
<tr>
<td>Cathode plate with male connector for uni-directional insertion and migration feature</td>
<td>13-04115</td>
<td>Piece</td>
</tr>
<tr>
<td>Anode plate with male connector for uni-directional insertion and migration feature</td>
<td>13-05115</td>
<td>Piece</td>
</tr>
<tr>
<td>Gel membrane-holding cassette for transfer of anions with push-nut locking adapters and guide pins</td>
<td>13-06734</td>
<td>Piece</td>
</tr>
<tr>
<td>Gel membrane-holding cassette for transfer of cations with push-nut locking adapters and guide pins</td>
<td>13-07734</td>
<td>Piece</td>
</tr>
<tr>
<td>Sponge pads (six)</td>
<td>13-10115</td>
<td>Packet</td>
</tr>
<tr>
<td>Push screws (eight)</td>
<td>13-20210</td>
<td>Packet</td>
</tr>
<tr>
<td>Guide pins with stoppers and locking nuts (eight of each)</td>
<td>13-21304</td>
<td>Packet</td>
</tr>
<tr>
<td>Buffer saver (25 mm thick)</td>
<td>13-37121</td>
<td>Piece</td>
</tr>
<tr>
<td>Electrical cords with gold plated male &amp; female connectors designed for user safety</td>
<td>66-41124</td>
<td>Pair</td>
</tr>
<tr>
<td>Penta-legged levelling table (21 x 21 cm) with spirit level</td>
<td>69-41219</td>
<td>Set</td>
</tr>
</tbody>
</table>

Manufactured and Marketed by **TechResource**

188, Nagdevi Street, 2nd Floor, Mumbai 400003.  
[www.technosource.biz](http://www.technosource.biz), Email: ts1@vsnl.com; Tel: (022) 28937286