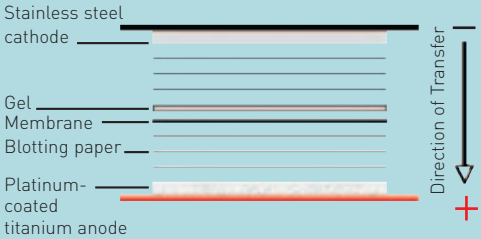
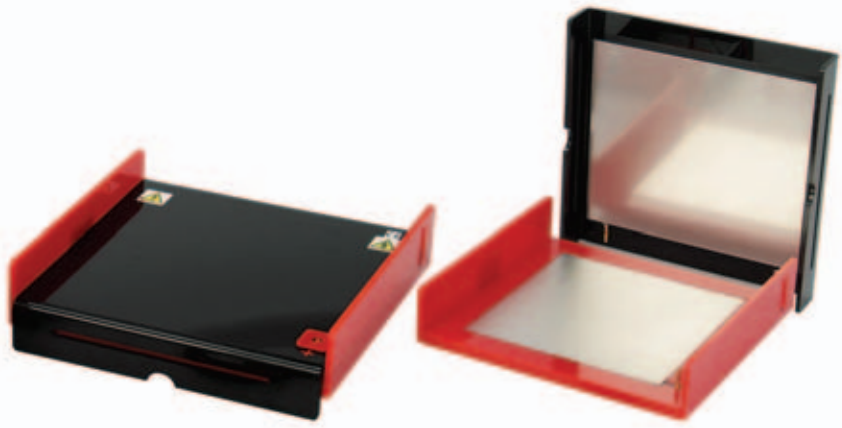
BENEFITS INCLUDE

- **2 sizes available: -**
  - **V10-SDB –** 10 x 10cm format - accommodates one 10 x 10cm mini-gel
  - **V20-SDB –** 20 x 20cm format - accommodates up to four 10 x 10cm mini-gels or one 20 x 20cm maxi-gel
- **Gels can be stacked –** for higher throughput blotting
- **Rapid transfer assured within 1 hour –** for lower molecular weight proteins and nucleic acids; larger molecules transferred in 2 hours
- **Semi-dry format –** minimises buffer consumption, with no need for mess and additional accessories
- **Colour-coded, corrosion-free plate electrodes –** platinum-coated titanium anode and stainless steel cathode maximise the transfer area, so that full electrical contact is made between the gel and the membrane, while corrosion-resistant metal prolongs lifespan and durability
- **Blotting paper, membranes and chemicals also available –** see page 124



Semi-dry blotting with Scie-Plas V10-SDB and V20-SDB units

Three sheets of blotting paper, saturated with transfer buffer, are first superimposed over the anode plate, followed by the membrane, the gel and a further 3 sheets of blotting paper. The cathode plate is then placed over the blotting sandwich and the current applied at 0.8mAcm^{-2} for 1 to 2 hours.



The V10-SDB and V20-SDB Semi-Dry Blotters

The V10-SDB 10 x 10cm and V20-SDB 20 x 20cm semi-dry blotters are ideal for fast transfer of proteins and nucleic acids without the need for costly accessories such as gel cassettes and tanks. Corrosion-free platinum-coated titanium and stainless steel plate electrodes, corresponding to the anode and cathode, maximise the active area of transfer so that full electrical contact is made between the gel and the membrane, allowing transfer to be completed within an hour with the minimum of heat dissipation, buffer consumption and mess in the laboratory, normally associated with wet blotting techniques.

TECHNICAL SPECIFICATION

	V10-SDB	V20-SDB
Unit Dimensions (W x D x H)	17 x 7.5 x 17cm	27 x 7.5 x 27cm
Active Transfer Area (W x L)	10 x 10cm	20 x 20cm
Sample Throughput	One 10 x 10cm mini-gel	Four 10 x 10cm mini-gels; One 20 x 20cm maxi-gel
Recommended Current Setting	80mA / 0.8mAcm^{-2}	320mA / 0.8mAcm^{-2}
Power Output Connectors (diameter)	4mm	4mm
Recommended Power Supplies	EV243	EV265, 261 & 215

ORDERING INFORMATION

Complete System	Part No.
10 x 10cm semi-dry blotter	V10-SDB
20 x 20cm semi-dry blotter	V20-SDB