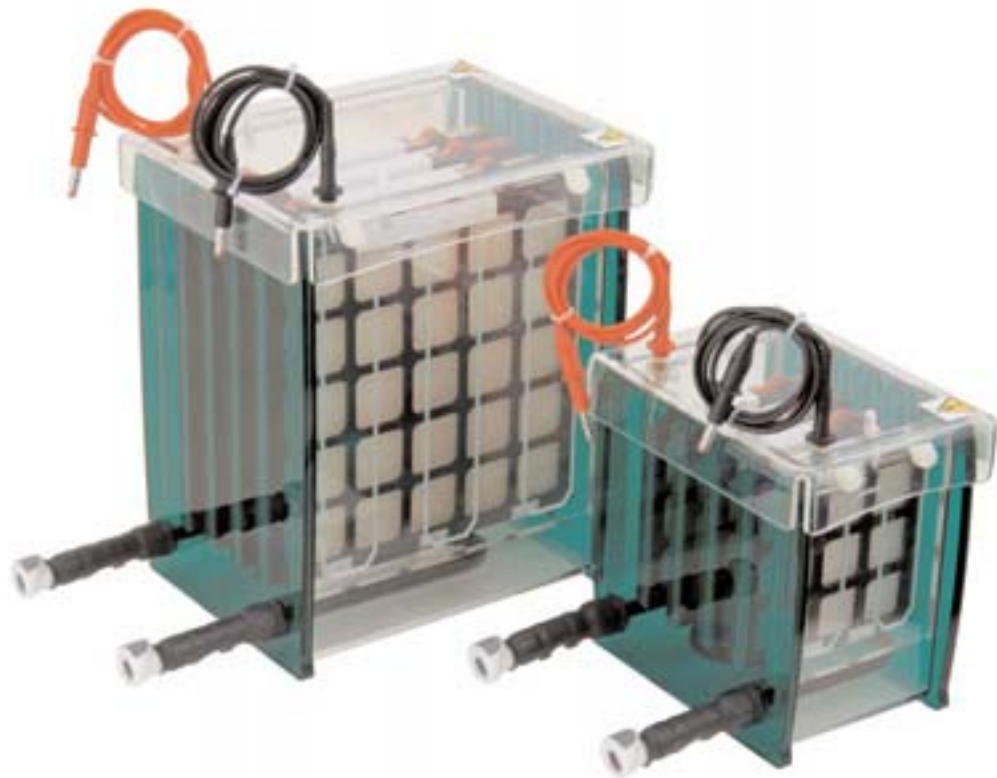


Blotting Units

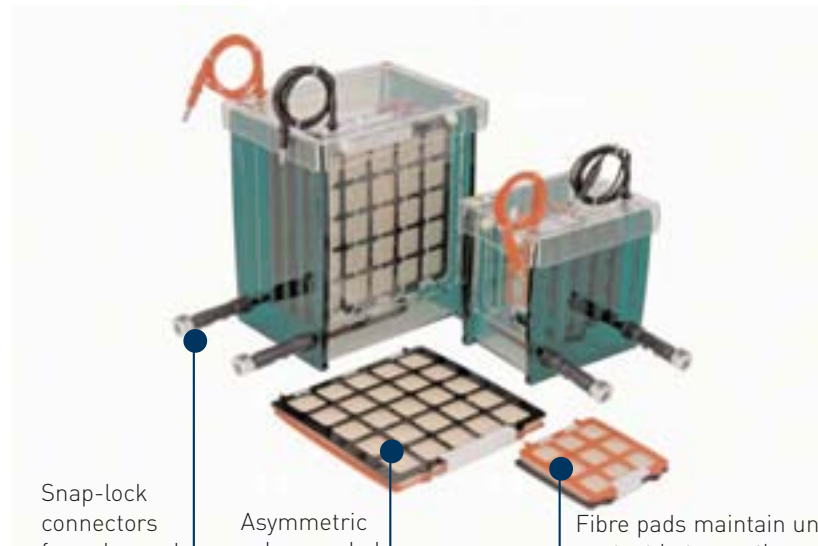
BENEFITS INCLUDE

- **Available in 2 different formats:** -
 - **TV100-EBK** - accommodates a maximum of four 10 x 10cm electroblotting cassettes
 - **TV400-EBK** - accommodates a maximum of four 20.5 x 20cm electroblotting cassettes
- **Asymmetric, colour-coded cassettes** - hinged, with red and black covers corresponding to the anode and the cathode, to ensure correct transfer
- **Fibre pads** - compress the gel against the nitrocellulose membrane for uniform transfer
- **Plate-electrodes** - 12.8cm apart - maximise the intensity of the electric field, allowing rapid transfer within 4 to 6 hours
- **Enhanced cooling** - included as standard - snap-lock connectors allow the cooling coil within each unit to be connected to the JULABO chiller units for faster, high-intensity transfers, or extended overnight runs without buffer depletion
- **Flat bottom** - allows each electroblotter to be placed directly onto a magnetic stirring plate
- **Blotting paper, membranes and SERVA chemicals also available** - see pages 135-142



The TV100-EBK Mini and TV400-EBK Maxi Electroblotters

Recently redesigned to accommodate up to 4 electroblotting cassettes, the Scie-Plas TV100-EBK and TV400-EBK electroblotters provide a cost-effective and safe and easy to use system for the transfer of proteins and nucleic acids from 10 x 10cm mini and 20.5 x 20cm maxi gels. Both units are supplied with asymmetric colour-coded cassettes as a unique design feature to prevent them from being inserted into the tank in the wrong orientation, against the direction of transfer.

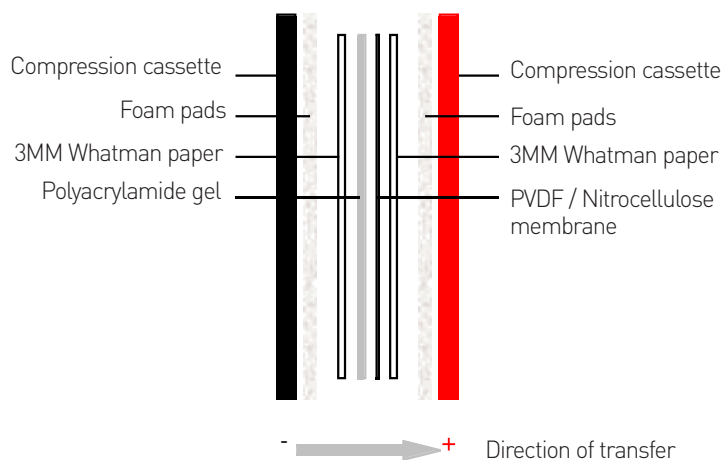


Snap-lock connectors for enhanced cooling

Asymmetric colour-coded cassettes

Fibre pads maintain uniform contact between the gel and the membrane

ELECTROBLOTTING CASSETTE ASSEMBLY



TECHNICAL SPECIFICATION

	TV100-EBK	TV400-EBK
Unit Dimensions (W x D x H)	20 x 22.5 x 18.5cm	19.5 x 32.5 x 28.5cm
Inner Tank Dimensions (W x D x H)	12.8 x 11 x 17cm	12.8 x 21 x 26cm
Maximum Sample Capacity	4 cassettes	4 cassettes
Recommended Buffer Volume	2000ml	6300ml
Recommended Running Conditions for Electroblotting	Voltage	50 - 100V
	Current	75mA (0.6-0.8mA/cm ²)
	Time	2-4h
Distance Between Plate Electrodes in EBGRM		12.8cm
		12.8cm
Electroblotting Cassette Dimensions (W x L)		11.5 x 10.5cm
		20.5 x 20cm
Active Transfer Area	71cm ²	289cm ²
Snap-lock Connectors for Cooling Coil	Inner Diameter	10mm
	Outer Diameter	12mm
Quick-fit Tubing	Inner Diameter	10mm
	Outer Diameter	12mm
Power Output Connectors (diameter)	Shrouded, 4mm	Shrouded, 4mm
Recommended Power Supplies	Consort EV243	Consort EV243

ORDERING INFORMATION

Complete System

Complete electroblotting system for four 10 x 10cm mini-gels, including 4 x electroblotting cassettes, 4 x fibre pads, cooled tank, lid and quick-fit tubing

Part No.

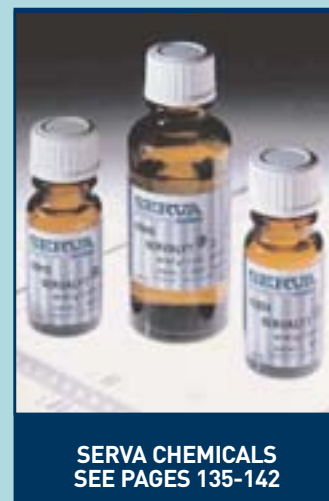
TV100-EBK

Complete electroblotting system for four 20.5 x 20cm mini-gels, including 4 x electroblotting cassettes, 4 x fibre pads, cooled tank, lid and quick-fit tubing

TV400-EBK

Replacement Parts & Accessories

1 x (10 x 10cm) hinged, colour-coded cassette with fibre pads	TV100-EBC
4 x (10 x 10cm) fibre pads	EB-FPS
1 x (20.5 x 20cm) hinged, colour-coded cassette with fibre pads	TV400-EBC
4 x (20.5 x 20cm) fibre pads	EB-FPL
2 x quick-fit tubes for cooling coil	TCS-CC
2 x 0.2mm thick, platinum electrode wire	PT-0.2
2 x 1 metre power leads with shrouded 4mm power output connectors	CABLE-4



SERVA CHEMICALS
SEE PAGES 135-142

DO YOU NEED...?

BLOTTING PAPER & MEMBRANES	SEE PAGE 142
TRANSFER BUFFER	SEE PAGE 142
A RECIRCULATING CHILLER	SEE PAGE 92
A POWER SUPPLY	SEE PAGES 100-103