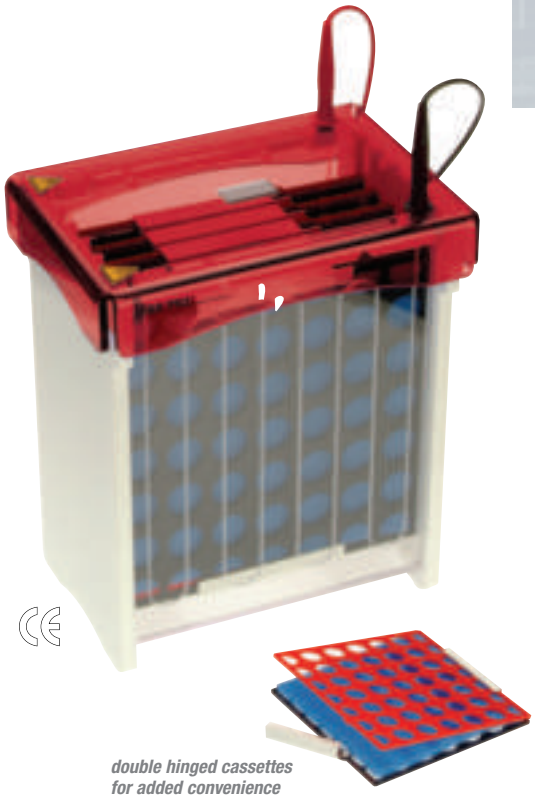
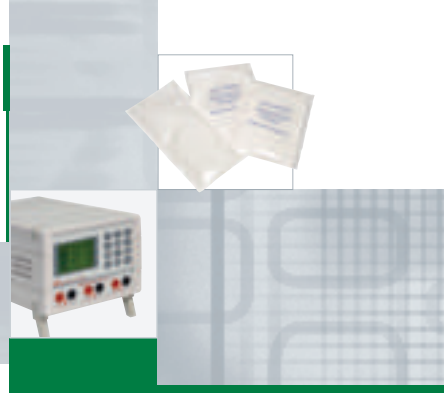
EBLOT ELECTROBLOTTERS

Designed primarily for wet electroblotting of proteins, EBLOT Electroblotters offer a combination of increased capacity with economy saving features. Both units, Mini 10 x 10cm and Maxi 20 x 20cm, have increased capacity over standard systems with up to five gel blot cassettes utilised at any one time. This is especially useful in high throughput laboratories.

A uniform electric field is provided by a high intensity coiled electrode and ensures uniform transfer across the blot surface. The cassette's open architecture ensures the maximum blot area allows direct transfer of current. Its rigid construction ensures contact between the gel and membrane is retained throughout the blot and an even pressure is maintained. These units are compatible with magnetic stirrers to aid heat dispersal and prevent pH drifts in the buffer due to incomplete buffer mixing. Each system includes a cooling pack to further enhance transfer efficiency by removing excess heat. This also saves on buffer for added economy.



double hinged cassettes for added convenience



- IDEAL FOR WET ELECTROBLOTTING OF PROTEINS - WESTERN BLOTTING
- UP TO FIVE GEL BLOT CASSETTES UTILISED AT ANY ONE TIME
- HINGED CASSETTES FOR ADDED CONVENIENCE
- ACCOMMODATES GEL THICKNESSES FROM 0.25 UP TO 3MM

Technical Specifications

UNIT DIMENSIONS (W x D x H)	MINI	19 x 13 x 19CM
	MAXI	24 x 16 x 26CM
MAX. SAMPLE, CAPACITY	MINI	5 BLOTS, 10 x 10CM
	MAXI	5 BLOTS, 20 x 20CM 20 BLOTS, 10 x 10CM
BUFFER VOLUME	MINI	MIN 1000ML; MAX 1500ML
	MAXI	MIN 4300ML; MAX 6000ML

Typical Applications

Maxi SDS PAGE, Native PAGE, Gradient, Second dimension and Nucleic acid separations

SEMI-DRY

These Semi Dry Blotters offer rapid transfer times for DNA, RNA and protein blotting - typically 15 to 30 minutes. All units can be used for all types of blotting: western, southern and northern via uncomplicated buffer and set up procedures and are compatible with gel thicknesses from 0.25 up to 10mm without the need for additional equipment. Each unit is compatible with their respective omniPAGE vertical gel system.

Semi Dry Blotting has the added benefit of economic transfers due to very low buffer volumes – typically only a few millilitres of buffer are required per transfer. These Semi-Dry Blotters utilise a screw down lid, which secures the blot sandwich and allows complete control of pressure ensuring even transfer. The electrodes, comprising platinum coated anode and stainless steel cathode, will exhibit practically no corrosion and so provide many years of trouble free use.

Uniform heat dispersion across the blot sandwich ensures stable transfer times and no heat induced sample loss or transfer distortions. Being translucent, it allows viewing of the blot sandwich to ensure correct positioning and transfer is occurring correctly. Electrode plates are fully separated to prevent arching or damage.

- RAPID TRANSFER TIMES
- WESTERN, SOUTHERN AND NORTHERN BLOTS
- ECONOMIC TRANSFERS DUE TO VERY LOW BUFFER VOLUMES
- SCREW DOWN LID - ACCOMMODATES GELS FROM 0.25 UP TO 10MM
- UNIFORM HEAT DISPERSION

Technical Specifications

UNIT DIMENSIONS (W x L x H)	MINI	16 x 16 x 7CM
	MAXI	26 x 26 x 7CM
	MAXI PLUS	39 x 51 x 7CM
	MAXI LONG	26 x 56 x 7CM
MAX. SAMPLE, CAPACITY	MINI	1 BLOT, 10 x 10CM
	MAXI	1 BLOT, 20 x 20CM 4 BLOTS, 10 x 10CM
	MAXI PLUS	1 BLOT, 35 x 45CM
	MAXI LONG	1 BLOT, 20 x 50CM
BUFFER VOLUME	MINI	5ML
	MAXI	20ML
	MAXI PLUS	75ML
	MAXI LONG	50ML

ORDERING INFORMATION

BCEBM10	**EBLOT Mini** ElectroBlotter, 10 x 10cm System for five cassettes, with tank and lid, 5x cassettes, 12x fibre pads and cooling pack		
BCEBM20	**EBLOT Maxi** ElectroBlotter, 20 x 20cm System for five cassettes, with tank and lid, 5x cassettes, 12x fibre pads and cooling pack		
SB10C	EBLOT Mini Cassette	SB10F	Fibre pads - pk/6
SB20C	EBLOT Maxi Cassette	SB20F	Fibre pads - pk/6
Semi Dry Blotters			
BCSD10	**Semi Dry Mini,** 10 x 10cm System	BCSD33	**Semi Dry Maxi Plus**, 33 x 45cm System
BCSD20	**Semi Dry Midi,** 20 x 20cm System	BCSD50	**Semi Dry Maxi Long**, 20 x 50cm System