

semi dry blotters

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 arcing or damage.

- Rapid transfer times
- Western, Southern and Northern Blots
- Economic Transfers due to very low buffer volumes
- Screw down lid – gels from 0.25 up to 10mm thick can be blotted
- Uniform heat dispersion
- Long life electrodes

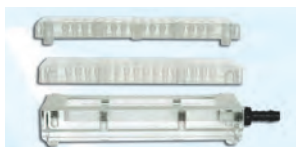
Technical Specifications

Unit dimensions (w x h x d)	Mini	16 x 16 x 7cm
	Maxi	26 x 26 x 7cm
	Maxi Plus	33 x 45 x 7cm
	Maxi Long	26 x 56 x 7cm
Max. sample, capacity	Mini	1 Blot, 8 x 8.5cm
	Maxi	4 Blots, 8 x 8.5cm 2 Blots, 16 x 8.5cm
		1 Blot, 16 x 17.5cm
	Maxi Plus	20 Blots, 8 x 8.5cm 2 Blots, 26 x 20cm
		10 Blots, 16 x 8.5cm 1 Blot, 33 x 45cm
		5 Blots, 16 x 17.5cm
	Maxi Long	13 Blots, 8 x 8.5cm 2 Blots, 26 x 20cm
		6 Blots, 16 x 8.5cm 1 Blot, 20 x 50cm
2 Blots, 16 x 17.5cm		
Buffer volume	Mini	5ml
	Maxi	20ml
	Maxi Plus	75ml
	Maxi Long	50ml



Ordering Information

SD10	Semi Dry Mini, 10 x 10cm System
SD20	Semi Dry Maxi, 20 x 20cm System
SD33	Semi Dry Maxi Plus, 33 x 45cm System
SD50	Semi Dry Maxi Long, 20 x 50cm System



- Low cost
- Simple construction
- Easy assembly
- Four sample configurations
- Alpha-numeric sample identification



dot and slot blotters

Four different sample number size and style of Hybridisation Manifold are offered:- two types of dot blotter and two types of slot blotter.

Typical applications include clone screening with DNA / RNA probes in Southern/northern blots and immunological screening with antibodies in western blots.

The units incorporate precision lapped surfaces to ensure uniform blotting membrane contact and a leak proof gasket. These prevent lateral transfer of samples – smudging – by ensuring that a complete vacuum is formed. Six thumbscrews ensure even and tight sealing for fast sample suck down.

Dot blotters are available in 48 and 96 well versions and slot blotters in 24 and 48 well.

Model	CSL-D48	CSL-D96	CSL-S24	CSL-S48
Configuration	3 x 16	8 x 12	2 x 12	3 x 16
Size of well	6mm diameter 12mm deep	6mm diameter 12mm deep	6 x 0.5mm 12mm deep	6 x 0.5mm 12mm deep
Vacuum required	----- 600mg Hg 0.8 BAR with cold trap -----			
Unit dimensions	60 x 95 x 100cm	60 x 105 x 140cm	60 x 74 x 83cm	60 x 95 x 100cm
Membranes size required	12.1 x 4.4cm	11 x 7.4cm	12.1 x 4.4cm	12.1 x 4.4cm

Ordering Information

CSL-D48	48-well Dot Blot Manifold, 3 x 16 array	CSL-S24	24-well Slot Blot Manifold, 2 x 12 array
CSL-D96	96-well Dot Blot Manifold, 8 x 12 array	CSL-S48	48-well Slot Blot Manifold, 3 x 16 array