



Technical Specifications

UNIT DIMENSIONS W x D x H)	MINI MAXI	30 x 30 x 10cm 42 x 30 x 10cm
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CAPILLARY BLOTTERS

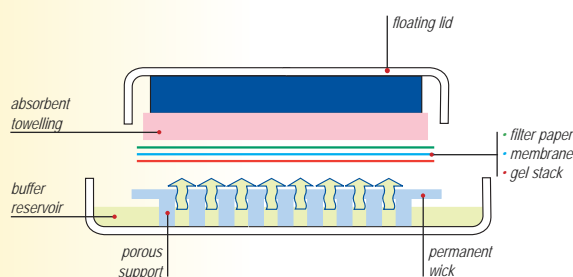
- Permanent wick with optimised capillary action
- Efficient transfer of high and low M.Wt. fragments
- Fast, easy set-up
- DNA transfer in 2 hours or less; RNA transfer in 3 hours or less
- Floating lid ensures even pressure without gel compression

These Capillary Blotting systems offer a contained unit for southern and northern blotting. These units incorporate optimised permanent wicks which eliminate the requirement for overlapping wicks, offering greater consistency.

The porous polyethylene platform draws up transfer buffer faster than traditional systems allowing for faster transfer times.

Side by side transfer of multiple gels can be performed in a single set up.

Available in 15 x 26cm and 28 x 26cm formats.



Principle:

Through capillary action, the buffer travels from the reservoir to the absorbent towelling via the porous supports, permanent wick, gel and membrane. This action optimises the transfer of low and high Molecular Weight DNA/RNA from gel to membrane without mechanical damage to even the thinnest of gels.

Ordering Information

- CSL-CAPL Capillary Blotting Unit (28cm x 26cm)
- CSL-CAPS Capillary Blotting Unit (15cm x 26cm)

DOT AND SLOT BLOTTERS

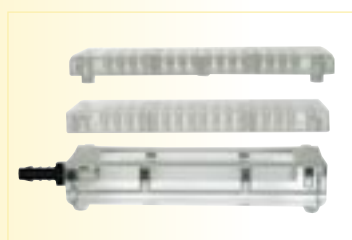
- Low cost
- Simple construction
- Easy assembly
- Four sample configurations
- Alpha-numeric sample identification

Four different sample number size and style of Hybridisation Manifolds 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 shown CSL-D48

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