

286-200



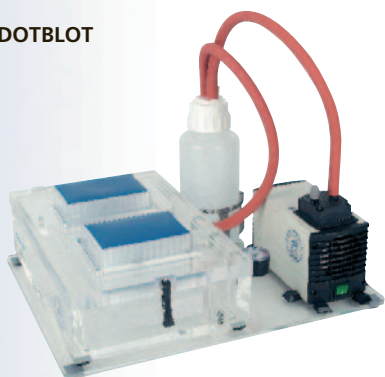
MASTERBLOT™ Vacuum Blotter

The MASTERBLOT™ vacuum blotter is designed for the transfer of nucleic acids onto an immobilising membrane. In contrast to other blotting systems it is efficient and simple to set up.

For the vacuum blotting method a vacuum blotter is needed which produces a regulated low pressure of 200 to 400 Pa in order to avoid the collapsing of the gel matrix. The oil-free vacuum pump of the MASTERBLOT™ system produces exactly these conditions for running an optimal vacuum blotting procedure. The transfer procedure is time saving (max. 1 hour) and without back-transfer (quantitative). This produces sharper bands with higher resolution.

- Built-in manometer
- For gel sizes up to 20x25cm
- Adjustable controlled vacuum
- Transparent Plexiglas® chamber
- Big buffer reservoir (upper approx. 1.5L, lower approx. 2.7L)
- Oil-free vacuum pump with controlled power

DOTBLOT



The MASTERBLOT™ is supplied with diaphragm vacuum pump, basic platform, valve to control the vacuum, 500ml washing bottle, tubing set, filter mat.

Other accessories required include: filter paper, GB002 (see page 407), transfer membrane (Schleicher & Schuell, Nytran), plastic gasket and chemicals. Please contact our Technical Office on 01342 826836 for details.

Specification

Gel size, mm	200x250
Dimensions (wxdxh), mm	
Base platform	450x340x8
Top platform	330x230x65*

Cat. No.	Description	Price
286-200	Vacuum blotter with two plastic masks	POA

* With DOTBLOT top frame 340x230x30mm

Accessories

The MASTERBLOT™ vacuum blotter can be converted into a dot blotter by ordering one of two adaptor frame accessories.

The DOTBLOT system provides a fast, simple technique for the preparation of intact, purified RNA from tissue culture cells. RNA can be purified from 2x96 samples in less than one hour. The system also incorporates a DNase treatment step that is designed to substantially reduce genomic DNA contamination.

Cat. No.	Description	Price
286-201	Adaptor frame for MASTERBLOT for 1x 96-well microplate	POA
286-202	Adaptor frame for MASTERBLOT for 2x 96-well	POA

286-597



Qbiogene, TransDNA Express™ Vacuum Blotter

The TransDNA Express™ vacuum blotter is used to transfer DNA or RNA quickly and efficiently to a membrane. A precise and stable vacuum is maintained during the blotting procedure, essential for good results. Transfer is complete in less than one hour without any additional handling. Transfer efficiency is close to 100%.

This compact unit requires no separate pump or other accessories. Its large transfer area can accommodate a single large gel (up to 280x280mm) or several mini gels. The plastic masks delivered with vacuum blotter are easier to cut than traditional rubber masks. The pump is resistant to acids, alkalis and salts. Used buffer collects in the integral 3L reservoir which prevents contact with the pump. Depurination, denaturation and neutralisation can be carried out in the blotting unit without further handling of the gel. Quiet, easy to use, easy to drain and easy to wash out.

Specification

Dimensions (wxdxh), mm	330x100x410
Weight, kg	4.5
Porous transfer area, mm	280x280
Power consumption, W	15
Vacuometer, mbar	0 to -100
Accuracy of the vacuometer	Class 1.5
Electrics	220V/50Hz

Cat. No.	Description	Price
286-597	Vacuum blotter with two plastic masks	POA



Order by phone > 01342 826836 Order on-line > www.ecomcat.co.uk
 Order by fax > 01342 826771 Website > www.jencons.co.uk

Schleicher & Schuell, Minifold II, Slot Blotter

Micro-sample filtration for rapid quantitative determination of immobilised and hybridised nucleic acids and proteins. Samples are concentrated on a fine slot. The Minifold II consists of six sections which form a 'sandwich'. A silicone spacer with a polyester protector on top is placed on the base section. On top of this goes the filter support and then the sample well plate. These parts are clamped together with two U-shaped side clamps.

Specifications

Sample wells, µl	72x600	Connection	Hose nipple, 6mm Dia.
Slot size, mm	0.75x8	Pressure	Vacuum only
Filter area per slot, mm ²	6	Dimensions (wxdxh), mm	100x247x52
Filter size, mm	63x228	Weight, kg	1

Cat. No.	Description	Price
286-135	Minifold II, with 10 pre-cut membrane filters BA85 and 50 pre-cut support papers GB002-SB	POA

Transfer and Immobilisation Media (size 63x228mm)

Cat. No.	Description	Pack	Price
286-136	BA85, pure cellulose nitrate membrane filter (pore size 0.45µm)	10	POA

Schleicher & Schuell, Minifold I, Dot Blotter

For the simultaneous processing of up to 96 DNA, RNA or protein samples as dot blots. The Minifold I is easy to assemble with four-side mounted clamps. Each of the 96 wells has an individual o-ring which helps prevent leakage between the wells.

Specifications

Format	96 wells, 12x8 holes, 9mm apart
Dot dimensions, mm	6.4 dia.
Capacity	Nitrocellulose 26µg/dot, Nytran 128µg/dot
Filter size, mm	102x133
Immobilisation area, mm ²	32
Dimensions (wxdxh), mm	133x102x70

Cat. No.	Description	Price
286-134	Minifold I, dot blotter for DNA, RNA and protein samples	POA

Dot and Slot Blotting Apparatus

A range of Dot Blot and Slot Blot microfiltration manifolds for DNA and RNA filter blot hybridisations and immunological (Ag/Ab) screening applications. These manifolds are machined from high-density acrylic with precision-lapped mating surfaces. These ensure uniform filter contact and in conjunction with the gasket supplied, greatly reduce the possibility of sample leakage.

Cat. No.	Model	Type	No of Wells	Array	Dot size/ slot size	Price
286-436	DHM-48	Dot blot	48	3x16	3.0mm dia.	POA
286-437	DHM-96	Dot blot	96	8x12	3.0mm dia.	POA
286-438	SHM-24	Slot blot	24	2x12	0.5x6.0mm	POA
286-439	SHM-48	Slot blot	48	3x16	0.5x6.0mm	POA

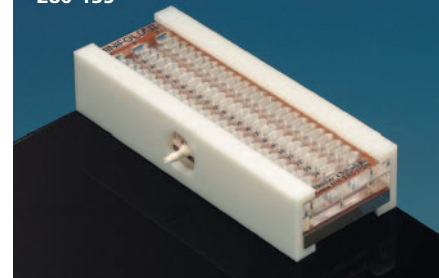
EASI-GRID™

The essential tool for efficient master plate making, the EASI-GRID™ from Jencons-PLS comprises a lightweight and durable case containing nine of the most popular templates for molecular biology, genetics and microbiology applications, plus a blank sheet for your own customised grid pattern. This unique product has been designed to hold any make of 90–100mm diameter petri dish firmly in its place above your chosen grid thus ensuring correct alignment of subsequent clones made from the master plate.

The grids supplied are 25, 50, 70, 100, 150 and 200 squares, 6 and 12 quadrants as well as a black 100 square grid.

Cat. No.	Description	Price	Cat. No.	Description	Price
287-000	EASI-GRID Black	POA	287-005	EASI-GRID stand (Holds up to 4 EASI-GRIDS)	POA
287-001	EASI-GRID Blue	POA	287-004	Spare EASI-GRID Grid booklet	POA
287-002	EASI-GRID Red	POA	287-006	Spare EASI-GRID locking band	POA
287-003	EASI-GRID Yellow	POA			

286-135



286-134



286-437



287-005 shown with 4 EASI-GRID units (not supplied)

