



### Blotting devices, TurboBlotter™

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The TurboBlotter™ system is a rapid downward blotting device for high resolution transfer of DNA and RNA.

- Complete kit provides supplies for five transfers
- Convenient - membranes and blotting papers are pre-cut and pre-stacked
- Efficient, rapid downward transfer
- Economic, requires less blotting paper and buffer
- Easy to assemble
- Capillary transfer - requires no power or vacuum source
- Available with Nytran® SPC nylon membrane

The system offers greater speed, target resolution and convenience compared with traditional blotting procedures. The conventional Southern transfer stack has been turned upside down in order to take advantage of gravity. No heavy weights are required on the transfer stack, eliminating the messy set-up of standard upward capillary transfers. Alkaline DNA transfers can be performed in as little as one hour, while neutral (SSC) transfers of DNA and RNA take only three hours. It also has a smaller footprint than most systems and the large tray can be stacked for multiple simultaneous transfers. Each TurboBlotter™ system contains a transfer device together with blotting paper and membranes for five transfers. Refill packs contain blotting paper and membranes for five transfers.

Each TurboBlotter™ kit includes: transfer device, 5 sheets of membrane, 40 sheets of 3MMCHR, 100 sheets of GB004 and 5 wicks of GB002.

TurboBlotter™ refills include: 5 sheets of membrane, 40 sheets of 3MMCHR, 100 sheets of GB04 and 5 wicks of GB002.

The TurboBlotter systems below each include one 120mm x 160mm transfer device which can accommodate gel sizes from 70mm x 80mm to 110mm x 140mm.

Catalogue No	Alt. No	Description	Dimensions, mm
<b>BRD-301-080F</b>	10416328	Nytran® SuPerCharge TurboBlotter™ kit	70 x 100
<b>BRD-301-081D</b>	10416336	Nytran® SuPerCharge TurboBlotter™ kit	90 x 110
<b>BRD-301-082B</b>	10416300	Nytran® SuPerCharge TurboBlotter™ kit	100 x 150
<b>BRD-301-083W</b>	10416304	Nytran® SuPerCharge TurboBlotter™ kit	110 x 140
<b>BRD-301-084U</b>	10416330	Nytran® SuPerCharge TurboBlotter™ refill	70 x 100
<b>BRD-301-085S</b>	10416338	Nytran® SuPerCharge TurboBlotter™ refill	90 x 110
<b>BRD-301-086Q</b>	10416302	Nytran® SuPerCharge TurboBlotter™ refill	100 x 150
<b>BRD-301-087X</b>	10416306	Nytran® SuPerCharge TurboBlotter™ refill	110 x 140



### Blotting units, dot and slot

**Fisherbrand**

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A range of dot 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. Assembly of the manifolds is achieved simply by aligning the mating screws and tightening the stainless steel thumbscrews. A permanent filter template is provided with each manifold to simplify the cutting of filters to the exact size. A vacuum of approximately 600mmHg (0.8bar) is required during sample application.

Catalogue No	Description
<b>FB57729</b>	48 well dot blot hybridisation manifold in 3 x 16 array, consisting of paired upper dot-forming modules (dots 3.0mm in diameter) and lower vacuum chamber module
<b>FB57731</b>	96 well dot blot hybridisation manifold in 8 x 12 array, consisting of paired upper dot-forming modules (dots 3.0mm in diameter) and lower vacuum chamber module
<b>FB57735</b>	48 well slot blot hybridisation manifold in 3 x 16 array, consisting of paired upper slot-forming modules (slots 0.5mm x 6.0mm in size) and lower vacuum chamber module



### Dot-blot array system Minifold® I

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- Screening of many samples on one membrane
- Interchangeable sample well plates
- Compatible with multi-channel pipettors
- Easy to assemble

#### Minifold® I - Dot-blot array system

Ensures accurate and reproducible results in dot, spot and slot-blot assays. Consists of four basic components: sample well plate, filter support plate, vacuum plenum and metal clamping plate. The sample well plate is available in three configurations for producing dots, spots or slots. All plates are interchangeable and each can be purchased as an accessory plate in conjunction with a complete system. The tension on the clamping plate is adjustable, permitting use of a variety of blotting membranes.

#### Dot-blot system

This 96 well system provides the largest sample area of the three formats with 12.5mm² per dot. The 8 x 12 format is compatible with multichannel pipettors. Unique O-ring design ensures discrete dot formation without leakage of samples by cross lateral flow. Generates even, uniform dots - the standard dot-blot system that eliminates uneven test areas resulting from manual sample application.