

Dot-blot array system Minifold® I

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Technical Specification - Specific

Material	Acrylic
Filter size, mm	12.5mm ² /dot
Capacity	500µL/well, 96 wells
Pressure, bar	0.9, vacuum

Catalogue No	Alt. No	Description
BRD-600-025S	1044-7900	Minifold I dot-blot system for 96 samples. Includes manifold apparatus, 5 sheets of Protran® BA85, 5 sheets of pre-cut 3mm paper

Accessories and spares

Membranes - 102mm x 133mm to fit Minifold® I Systems

Catalogue No	Alt. No	Description	Pack qty
BRD-100-471M	10439388	Optitran®, BA-S83 0.2µm	10
BRD-100-472K	10439188	Optitran® BA-S85 0.45µm	10
BRD-100-661H	10402488	Protran®, BA83 0.2µm	10
BRD-100-662F	10402588	Protran®, BA85 0.45µm	10
BRD-600-015V	10447901	Cutting template	1



Blotter, Minifold II

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The Minifold II, a variation of the 96 sample Minifold, simplifies the quantification of highly specific samples by means of densitometry or, respectively, by sample concentration. Predominantly the quantitative evaluation of a very large number of nucleic acids or protein samples is thus simplified. The samples can be bound in three rows to each group of 24 slots which are arranged to accommodate a standard multi-tip pipette. The higher concentration of the nucleic acids and proteins on the immobilisation membrane provides optimal pre-requirements for the quantifying by means of a spectral-photometric evaluation. System comes complete with BA85 membrane and blotting paper.

Technical Specification - General

Dimensions, mm	100 x 247 x 52
Mass, g	1,000

Catalogue No	Alt. No	Description
BRD-600-030C	447 800	Blotter Minifold II slot with BA85 membrane and blotting paper



Filtration manifold, Slot Blot, PR648

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- The Hoefer Slot Blot filtration manifold unit provides a simple, convenient method for screening recombinant clones, DNA, RNA and proteins
- Screen up to 48 samples at once
- 48 slots; each numbered to facilitate sample identification
- A raised lip around each slot creates an effective seal that prevents cross-contamination between wells, producing high quality blots
- Alignment pins ensure quick and easy assembly
- The collection chamber has a fitting for attaching a vacuum pump or water aspirator

The PR648, with 4 rows of 12 slots, makes screening of 48 samples quick and easy. The slots empty into a single lower chamber which has a fitting for attaching a vacuum pump or aspirator. Each slot is 6mm long and 0.80mm wide, and numbered for easy identification. Membrane surface area exposed in each slot is 4.8mm², and maximum sample volume in each well is 1mL. A raised lip around each slot creates an effective seal when the unit is tightened, eliminating cross-contamination between wells and producing high-quality blots. A membrane blotted in the Slot Blot, or an autoradiogram made from the membrane, is easily quantified by densitometry. The PR648 is made of sturdy acrylic plates which fit on top of one another and are held together by stainless steel screws. The PR648 is 155mm (l) x 12mm (w) x 80mm (h) and requires membranes 115mm x 80mm.

Catalogue No	Alt. No	Description
HOE-800-010M	PR648	Slot Blot filtration manifold unit, quick fit connector and membrane template

