



omniPage Sub Blot System

Available in Mini, Mini Wide and Maxi formats, omniPAGE Sub Blot systems are complete stand-alone units for western blotting. Each unit comprises an omniPAGE tank and lid, electroblotting insert, cassettes and fibre pads. The versatile design of the omniPAGE tank and lid allows the unit to be easily adapted for vertical PAGE or IEF with capillary tube gels, using the relevant optional insert.

FEATURES:

- Multi-transfer capability for up to 4 Maxi gels, 8 Mini Wide and 16 Mini gels in the Maxi System; 4 Mini Wide and 8 Mini gels in the Mini Wide system; and 4 Mini gels in the Mini system
- Complete run-time flexibility from overnight to as short as a couple of hours
- Cool pack for environmentally friendly low-cost cooling during high-intensity transfers
- Open design, rigid cassettes maximise current transfer and eliminate 'shadow band' formation
- Cassettes colour-coded prevent polarity reversal to ensure transfer in the correct orientation



ORDERING INFORMATION					
SB10		SB10W		SB20	
omniPAGE Blot Mini, 10 x 10cm System including blotting insert, tank and lid, 4 cassettes, 16 fibre pads, cooling pack		omniPAGE Blot Mini Wide, 20 x 10cm System including tank and lid, 4 cassettes, 16 fibre pads, cooling pack		omniPAGE Blot MaxiWAVE, 20 x 20cm System including tank and lid, 4 cassettes, 16 fibre pads, cooling coil	
ACCESSORIES					
VS10BI	omniPAGE Blot Mini Insert –includes 4 cassettes and 16 fibre pads	VS10WBI	omniPAGE Blot Mini Wide Insert –includes 4 cassettes and 16 fibre pads	VS20BI	omniPAGE Blot Maxi WAVE Insert –includes 4 cassettes and 16 fibre pads
SB10C	omniPAGE Blot Mini Cassette	SB10WC	omniPAGE Blot Mini Wide Cassette	SB20C	omniPAGE Blot Maxi Cassette
SB10F	Fibre Pads – pk/8	SB10WF	Fibre Pads – pk/8	SB20F	Fibre Pads – pk/8

TECHNICAL SPECIFICATIONS			
	SB10 Mini	SB10W Mini Wide	SB20 MaxiWAVE
Max. Gel Size	8x8.5cm	16x8.5cm (active)	16x17.5cm (active)
Max. Blot Size	10x10cm	20x10cm	20x20cm
Gel Capacity	4x Mini	6x Mini, 3x Mini Wide 12x Mini	16x Mini 8x Mini Wide & 4x Maxi
Buffer Volume	1.2L Max.	2.8L Max.	6.4L Max
Running conditions	100V 1-2h	100V 1-2h	100V 5-20h
Recommended power supply	CS-3AMP & CS-300V	CS-3AMP, CS-300V & CS-500V	CS-3AMP

TYPICAL APPLICATIONS

Wet Western Electroblothing

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Sub Blot Mini and WAVE High Intensity Transfer Systems

The Sub Blot Mini and WAVE high intensity transfer systems combine the cooling capacity of wet submarine blotting units with the speed of semi-dry transfer systems. Both systems utilise plate electrodes to create a higher strength electric field and greater current density than conventional wire-electrode systems. This allows transfer of broad range molecular weight proteins to be achieved typically within an hour in the Sub Blot Mini, and in 1-2 hours using the WAVE Sub Blot System. Features offered by the Sub Blot Mini and WAVE are as follows:

- Plate-electrodes 2cm apart in the Sub Blot Mini facilitate fast transfer of two stacked 8x8.5cm mini gels; and 4cm apart in WAVE Sub Blot system for transfer of one Maxi gel
- Multi-transfer capability in the WAVE also allows transfer of 4 omniPAGE Mini and 2 omniPAGE Mini Wide gels arranged side-by-side
- Two cooling options: a cool pack supplied with the Sub Blot Mini for environmentally friendly low-cost cooling; and active cooling in the Sub Blot WAVE by a detachable cooling coil connected to a recirculating chiller (Pg 130)
- Magnetic stirring bars fit conveniently beneath the cooling coil within the WAVE tank to maximise buffer circulation and heat dissipation, while preventing ion gradient formation; both tanks sit comfortably on most stirring plates
- Open design, rigid cassettes maximise gel-to-membrane compression for efficient current transfer; colour-coded to prevent polarity reversal

ORDERING INFORMATION	
SB10-HI	omniPAGE Blot Mini, 10 x 10cm, High Intensity System including tank and lid, 2 cassettes, 8 fibre pads, cooling pack
VS10BI-HI	omniPAGE Blot Mini Insert – includes 2 cassettes and 8 fibre pads
SB10C	omniPAGE Blot Mini Cassette
SB10F	Fibre Pads – pk/8
SB20-HI	WAVE Sub Blot, 20 x 20cm, High Intensity System including tank and lid, 1 cassettes, 6 fibre pads, cooling coil
VS20BI	omniPAGE Blot Maxi WAVE Insert –includes 4 cassettes and 16 fibre pads
SB20C	omniPAGE Blot Maxi Cassette
SB20F	Fibre Pads – pk/8

TECHNICAL SPECIFICATIONS		
	SB10-HI	SB20-HI
Max. Gel Size	10x10cm	20x20cm
Gel Capacity	2x Mini	4x Mini, 2x Mini Wide & 1x Maxi
Buffer Volume	1.3L Max.	7L
Running conditions	100-200V 1-2h	100-200V 1-2h
Cooling	Cool Pack	Cooling Coil
Recommended power supply	CS-3AMP	CS-3AMP

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High Speed Wet Western Electroblothing

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