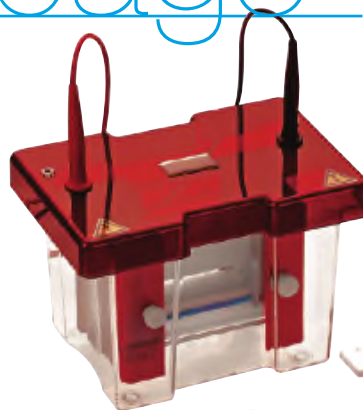


omnipage

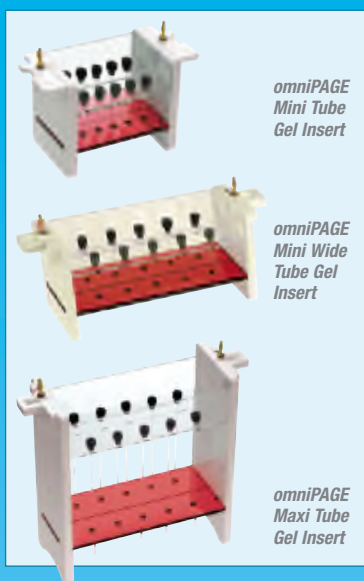
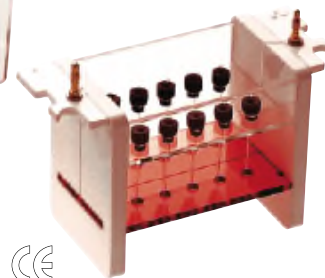
- RAPID SET-UP ELECTRO-FOCUSING
- 10 TUBE CAPACITY
- EXTENDED ACCESSORY RANGE
- ENHANCED COOLING FEATURES

2-D SYSTEMS

The **omniPAGE 2-D Systems** include both modules required for Slab Gel and First Dimension Electrophoresis and accessories, to provide a complete Mini, Mini Wide or Maxi 2-D system. The Tube Gel Module includes a rapid release gasket for easy tube extraction. Focusing can be accomplished in as little as three hours in the Mini Unit. Disposable capillary tubes are included, plus 2-D combs and spacers which are colour coded according to thickness for easy identification.



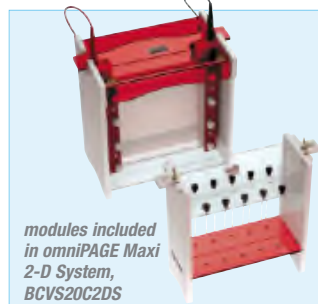
modules included in **omniPAGE Mini 2-D System, BCVS10C2DS**



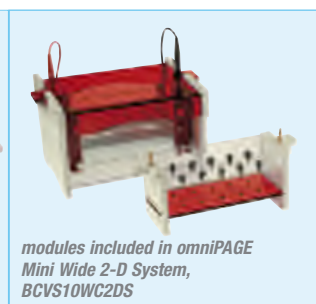
omniPAGE Mini Tube Gel Insert

omniPAGE Mini Wide Tube Gel Insert

omniPAGE Maxi Tube Gel Insert



modules included in **omniPAGE Maxi 2-D System, BCVS20C2DS**



modules included in **omniPAGE Mini Wide 2-D System, BCVS10WC2DS**



omniPAGE Mini Tube Gel Unit



omniPAGE Maxi Tube Gel Unit

2-D SYSTEM COMPONENTS

Tube Gel Units, inserts and accessories

These stand-alone, complete units for first dimension capillary/tube gel electrophoresis, Mini 10x10cm, Mini Wide 20x10cm and Maxi 20x20cm formats, include omniPAGE tank and lid, tube gel insert, tubes and blanking ports. Units are interchangeable with omniPAGE slab gel and electroblotting inserts.

ORDERING INFORMATION

- BCVS10C2DS*** **Complete omniPAGE Mini 2-D System**, comprising:
 1x **omniPAGE Mini Vertical Unit** which includes: 2x2mm thick notched glass plates, 2x2mm thick plain glass plates with 1mm thick bonded spacers, 1x dummy plate, 2x combs (1mm thick, 12 samples), 1x casting base, silicone mat, cooling pack.
 plus: 1x **Capillary Electrophoresis Module** which includes: internal running module for tube gels, capillary tubes, blanking plugs, 2-D combs and spacers.
- BCVS10WC2DS** **Complete omniPAGE Mini Wide 2-D System**, comprising:
 1x **omniPAGE Wide Mini Vertical Unit** which includes: 2x4mm thick notched glass plates, 2x4mm thick plain glass plates with 1mm thick bonded spacers, 1x dummy plate, 2x combs (1mm thick, 24 samples), 1x casting base, silicone mat, cooling pack.
 plus: 1x **Wide Capillary Electrophoresis Module** which includes: internal running module for tube gels, capillary tubes, blanking plugs, 2-D combs and spacers.
- BCVS20C2DS** **Complete omniPAGE Maxi 2-D System**, comprising:
 1x **omniPAGE Maxi Vertical Unit** which includes: 2x4mm thick notched glass plates, 2x4mm thick plain glass plates with 1mm thick bonded spacers, 1x dummy plate, 2x combs (1mm thick 24 samples), 1x casting base, silicone mat, cooling pack.
 plus: 1x **Capillary Electrophoresis Module** which includes: internal running module for tube gels, capillary tubes, blanking plugs, 2-D combs and spacers

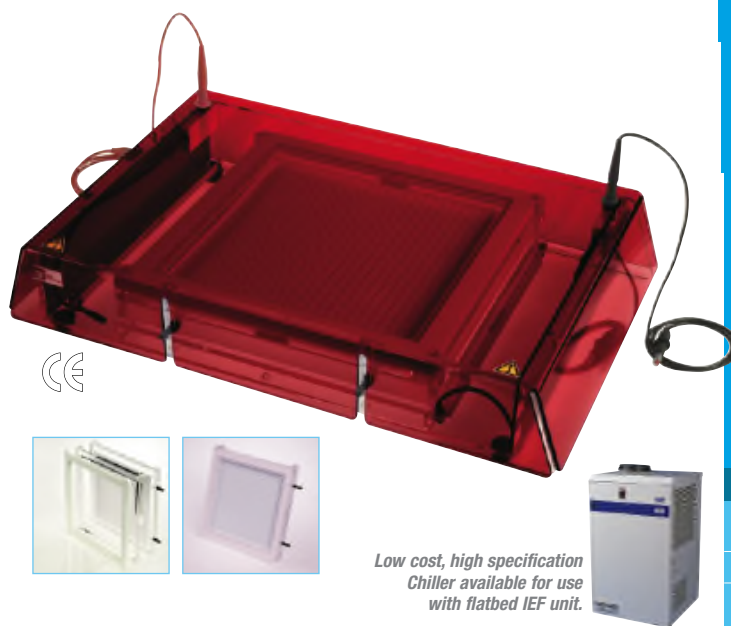
BCVS10DC	omniPAGE Mini Tube Gel Unit, 10x10cm with tank and lid, glass capillary tubes, blanking ports and cooling pack	MCT101.5	Mini Capillary Tubes, 1.5mm, pk/100
BCVS10DCI	omniPAGE Mini Tube Gel Insert - includes glass tubes and blanking ports	MCBP	Mini Capillary Blanking ports
BCVS10WDC	omniPAGE Mini Wide Tube Gel Unit, 20x10cm with tank and lid, glass capillary tubes, blanking ports and cooling pack	BCVS20DC	omniPAGE Maxi Tube Gel Unit, 20x20cm with tank and lid, glass capillary tubes, blanking ports and cooling pack
BCVS10WDCI	omniPAGE Mini Wide Tube Gel Insert - includes glass tubes and blanking ports	BCVS20DCI	omniPAGE Maxi Tube Gel Insert - includes glass tubes and blanking ports
MCT10	Mini Capillary Tubes, pk/100	MCT20	Maxi Capillary Tubes, pk/100
		MCBP	Maxi Capillary Blanking ports

* PLEASE SPECIFY STYLE OF INTERNAL RUNNING MODULE REQUIRED, SLIDING CLAMPS ADD -CV; SCREW CLAMPS ADD -V

This system has been designed to allow the full range of IEF flat bed electrophoresis techniques.

These include wick based electrophoresis, precast horizontal IEF gel electrophoresis, hand cast horizontal IEF Gel electrophoresis and Iso Electric focusing using IEF strips. The unit includes enhanced cooling over a large platform which offers increased strip capacity and gel area.

Uniform cooling of the platform is achieved using a large ceramic plate which can be connected to any standard chiller via quick fit connectors for enhanced gel or strip cooling.



Low cost, high specification Chiller available for use with flatbed IEF unit.

- FOR IEF STRIP AND GEL APPLICATIONS
- LARGE COOLING PLATFORM AREA
- PICK AND PLACE EASY TO POSITION ELECTRODES
- GRID FOR ACCURATE ELECTRODE ALIGNMENT

Technical Specifications

MAX STRIP LENGTH	26cm
MAX GEL DIMENSIONS	26 x 26cm
UNIT DIMENSIONS	55 x 35 x 10cm (W x D x H)



SECOND STAGE 2-D

The omniPAGE VS30 unit has been designed to provide a convenient unit for the second stage of 2-D electrophoresis.

The 26cm active gel width provides a large gel area to resolve large IEF strips. In combination with the IEF system above, this offers a complete package for 2-D electrophoresis. The unit utilises the omniPAGE advanced design features to provide convenient ease of use with high resolution separations.

Rapid set up cooling retains resolution in extended separations and also saves on buffer volume without affecting run quality. Four gels can be resolved per run. A wide range of accessories is available to allow easy transition between 2-D and standard vertical electrophoresis techniques. In particular different types of 2-D comb allow a wide degree of versatility in sample selection and gel set-up.

- IDEAL FOR SECOND DIMENSION ELECTROPHORESIS
- ACCEPTS STRIPS UP TO 26CM IN LENGTH
- RAPID SET UP COOLPACKS FOR ENHANCED RESOLUTION

Technical Specifications

UNIT DIMENSIONS	36 x 33 x 18cm (L x W x D)
PLATE DIMENSIONS	30 x 22cm (W x L)
GEL DIMENSIONS	28 x 20cm (W x L)
MAX SAMPLE CAPACITY	300 SAMPLES PER RUN; 75 SAMPLES PER GEL
BUFFER VOLUME	Min 1800ML, Max 8400ML
COMBS AVAILABLE	
NO. OF TEETH	1, 2, 4, 28MC, 56MC, 75
THICKNESSES	0.25, 0.35, 0.5, 1, 1.5, 2.0mm

ORDERING INFORMATION

BCIEF	Flatbed IsoElectric Focusing System , 26 x 26cm	BCHLU	Chiller Unit
BCVS30D	omniPAGE Maxi Plus , 30 x 22cm Dual with Glass Plates with bonded 1.5mm spacers, 2 x 28 sample combs, 2 x 2-D combs, cooling pack, dummy plate		
BCVS30D	omniPAGE Maxi Plus , as above with Casting Base	VS30NGS1	30 x 22cm Notched Glass Plates with 1mm Bonded Spacers (pk/2)
VS30BI	omniPAGE Blot Maxi Plus Insert - includes 3 cassettes and 6 fibre pads	VS30PGS1	30 x 22cm Plain Glass Plates with 1mm Bonded Spacers (pk/2)
VS30DCAST	30 x 22cm Dual Casting Base	VS30PGS1.5	30 x 22cm Plain Glass Plates with 1.5mm Bonded Spacers (pk/2)
VS30DCASTM	Replacement Silicone Mat for 30 x 22cm Casting Base	VS30PGS2	30 x 22cm Plain Glass Plates with 2mm Bonded Spacers (pk/2)
BCVS30DIRM	Inner Running Module	VS30DP	Dummy Plate, 20 x 20cm
VS30ICB	Maxi Cooling Pack	VS30S0.75	22cm Spacers - 0.75mm (pk/2)
VS30-x -LG	Loading guides for omniPAGE maxi combs, x = comb well number	VS30S1	22cm Spacers - 1mm thick (pk/2)
VS30NG	30 x 22cm Notched Glass Plates 4mm thick (pk/2)	VS30S1.5	22cm Spacers - 1.5mm thick (pk/2)
VS30PG	30 x 22cm Plain Glass Plates 4mm thick (pk/2)	VS30S2	22cm Spacers - 2mm thick (pk/2)
VS30NGS0.75	30 x 22cm Notched Glass Plates with 0.75mm Bonded Spacers (pk/2)	RPW-0.2100	Replacement Platinum Wire - 0.2mm, 100cm
VS30PGS0.75	30 x 22cm Plain Glass Plates with 0.75mm Bonded Spacers (pk/2)		

Colour	Code	DESCRIPTION	SAMPLE VOLUME PER WELL	Colour	Code	DESCRIPTION	SAMPLE VOLUME PER WELL
	VS30-1-1	Comb 1 Prep, 1 Marker, 1mm thick	2250µl		VS30-1-1.5	Comb 1 Prep, 1 Marker, 1.5mm thick	3375µl
	VS30-2-1	Comb 2 sample, 1mm thick	1125µl		VS30-2-1.5	Comb 2 sample, 1.5mm thick	1680µl
	VS30-4-1	Comb 4 sample, 1mm thick	550µl		VS30-4-1.5	Comb 4 sample, 1.5mm thick	825µl
	VS30-28-1MC	Comb 28 sample, 1mm thick MC compatible	80µl		VS30-28-1.5MC	Comb 28 sample, 1.5mm thick MC compatible	120µl
	VS30-56-1MC	Comb 56 sample, 1mm thick MC compatible	40µl		VS30-56-1.5MC	Comb 56 sample, 1.5mm thick MC compatible	60µl
	VS30-75-1MC	Comb 75 sample, 1mm thick MC compatible	25µl		VS30-75-1.5MC	Comb 75 sample, 1.5mm thick MC compatible	37µl

COMBS ALSO AVAILABLE IN OTHER THICKNESSES AND SAMPLE NUMBER, PLEASE INQUIRE

MC = multichannel pipette compatible