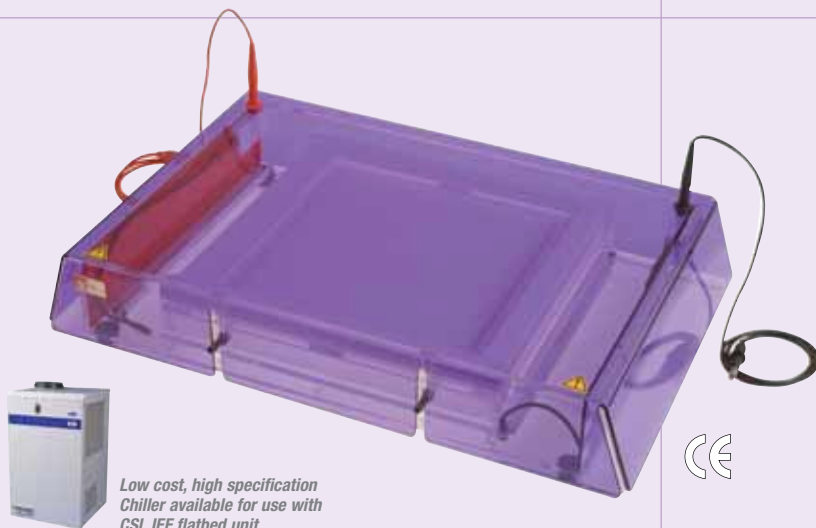


isoelectric focusing

- For IEF strip and gel applications
- Large cooling platform area
- Pick and place easy to position electrodes
- Grid for accurate electrode alignment

The IEF 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 focussing 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 CSL IEF flatbed unit.

Ordering Information

CSL-IEF	Flatbed IsoElectric Focusing System, 26 x 26cm		
CSL-CHILLER	Chiller		
CSL-IEFPOS – positive electrode	CSL-IEFPLT – IEF Cooling plate		
CSL-IEFNEG – negative electrode	CSL-IEFFRME – IEF platform frame		

Technical Specifications

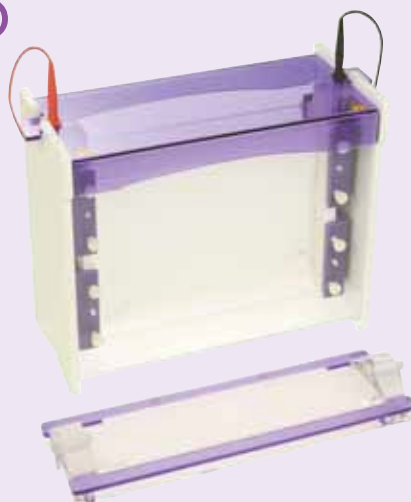
Max strip length	26cm
Max gel dimensions	26 x 26cm
Unit dimensions	55 x 35 x 10cm (W x D x H)

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 (W x H x D)
Plate dimensions	30 x 22cm (W x L)
Gel dimensions	28 x 20cm (W x L)
Max sample	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

VS30D	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		
VS30DSYS	VS30D with Casting Base	VS30NGS1	30 x 22cm Notched Glass Plates with 1mm Bonded Spacers (pk/2)
VS30BI	omniPAGE VS30 Blot Maxi 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)
VS30DIRM	Inner Running Module	VS30DP	Dummy Plate, 30 x 22cm
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)		

CODE	DESCRIPTION	SAMPLE VOLUME FOR A 5MM THICK GEL	CODE	DESCRIPTION	SAMPLE VOLUME FOR A 5MM THICK GEL
1-VS30-1-1	Comb 1 Prep, 1 Marker, 1mm thick	2250µl	1-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
VS30-28MC-1	Comb 28 sample, 1mm thick MC compatible	80µl	VS30-28MC-1.5	Comb 28 sample, 1.5mm thick MC compatible	120µl
VS30-56MC-1	Comb 56 sample, 1mm thick MC compatible	40µl	VS30-56MC-1.5	Comb 56 sample, 1.5mm thick MC compatible	60µl
VS30-75MC-1	Comb 75 sample, 1mm thick MC compatible	25µl	VS30-75MC-1.5	Comb 75 sample, 1.5mm thick MC compatible	37µl

Combs also available in other thicknesses and sample number, please inquire