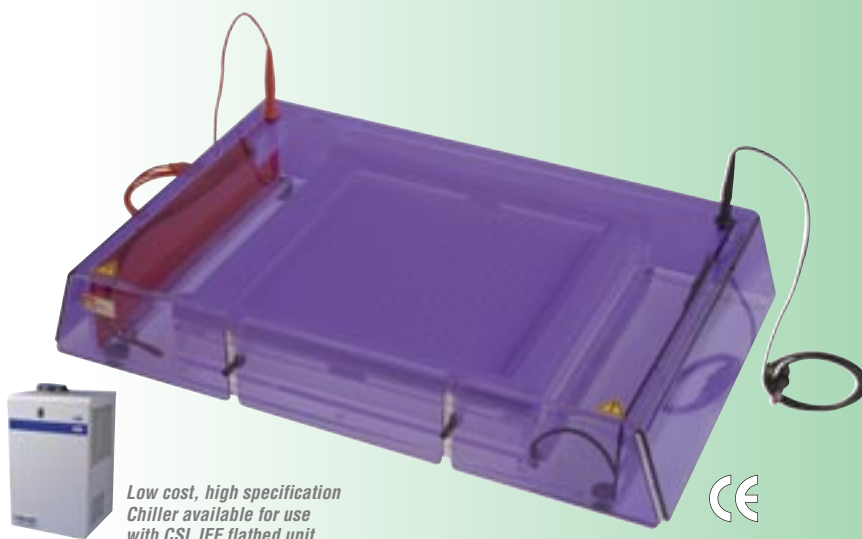


isoelectric focusing system

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

The CSL-IEF system has been designed to perform all flat bed IEF techniques, including wick-based electrophoresis with horizontal and hand-cast IEF gels, and focusing with IPG strips. The unit includes a large cooling platform which offers increased strip capacity and active gel area. Uniform cooling of the platform is achieved using a large ceramic plate that may be connected to any standard chiller via quick-fit connectors for enhanced gel or strip cooling. An optional rehydration tray is also available for overnight rehydration of up to twelve IPG strips before use.



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

Ordering Information			
CSL-IEF	Flatbed IEF system for IEF strips and gels		
CSL-CHILLER	Chiller for Electrophoresis systems	F250	Julabo Chiller
CSL-IEFPOS	Replacement positive electrode	CSL-IEFFRME	Replacement electrode frame
CSL-IEFNEG	Replacement negative electrode	CSL-RHYDTRY	
CSL-IEFPLT	Replacement Glass platform		Rehydration Tray

For 110 V AC version Chiller, please add '-S' as a suffix to the appropriate code

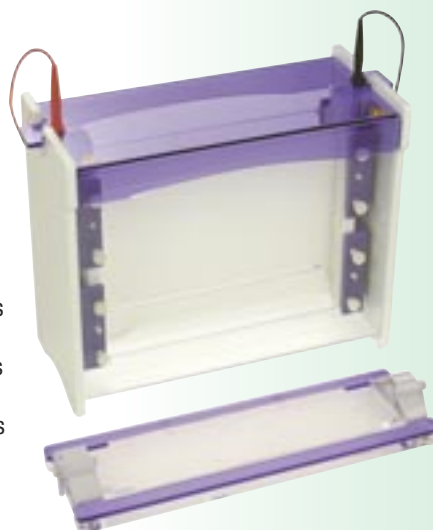
Technical Specifications	
MAX STRIP LENGTH	26cm
MAX GEL DIMENSIONS	26 x 26cm
UNIT DIMENSIONS (W x D x H)	55 x 35 x 10cm

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		
VS30BI	omniPAGE VS30 Blot Maxi Insert - includes 3 cassettes and 6 fibre pads.		
VS30DCAST	30 x 22cm Dual Casting Base		
VS30DCASTM	Replacement Silicone Mat for 30 x 22cm Casting Base		
VS30DIRM	Inner Running Module		
VS30ICB	Maxi Cooling Pack		
VS30-x-LG	Loading guides for omniPAGE maxi combs, x = comb well number		
VS30NG	30 x 22cm Notched Glass Plates 4mm thick (pk/2)		
VS30PG	30 x 22cm Plain Glass Plates 4mm thick (pk/2)		
VS30NGS0.75	30 x 22cm Notched Glass Plates with 0.75mm Bonded Spacers (pk/2)		
VS30PGS0.75	30 x 22cm Plain Glass Plates with 0.75mm Bonded Spacers (pk/2)		
VS30NGS1	30 x 22cm Notched Glass Plates with 1mm Bonded Spacers (pk/2)		
VS30PGS1	30 x 22cm Plain Glass Plates with 1mm Bonded Spacers (pk/2)		
VS30PGS1.5	30 x 22cm Plain Glass Plates with 1.5mm Bonded Spacers (pk/2)		
VS30PGS2	30 x 22cm Plain Glass Plates with 2mm Bonded Spacers (pk/2)		
VS30DP	Dummy Plate, 30 x 22cm		
VS30S0.75	22cm Spacers - 0.75mm (pk/2)		
VS30S1	22cm Spacers - 1mm thick (pk/2)		
VS30S1.5	22cm Spacers - 1.5mm thick (pk/2)		
VS30S2	22cm Spacers - 2mm thick (pk/2)		
RPW-0.2100	Replacement Platinum Wire - 0.2mm, 100cm		

Code	Description	Sample Volume per well	Code	Description	Sample Volume per well
VS30-1	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
VS30-28MC-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
VS30-75-1	Comb 75 sample, 1mm thick MC compatible	25µl	VS30-75-1.5	Comb 75 sample, 1.5mm thick MC compatible	37µl

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