

omniPAGE mini

Mini SDS PAGE, Native PAGE, Gradient, Second dimension and Nucleic acid separations

- Injection moulded construction
- Compatible with all 8 x 10 and 10 x 10cm precast gels (WxH)
- Rapid gel casting and loading
- Low buffer volumes
- Rapid set up cooling
- Run up to four gels



internal running module, clamp version



gel loading guides



omniPAGE Mini and optional accessories

Technical Specifications

PLATE DIMENSIONS, GEL DIMENSIONS, (W x L)	10 x 10cm 7.5 x 8cm
UNIT DIMENSIONS	19 x 13 x 15cm (W x D x H)
MAX. SAMPLE CAPACITY	80 SAMPLES, 20 SAMPLES PER GEL
BUFFER VOLUME	Min 250ML; Max 1200ML
COMBS AVAILABLE : No. OF SAMPLES THICKNESSES	1, 5, 8MC, 9, 10, 12, 16MC, 20 0.75, 1, 1.5, 2mm

The preferred unit for routine mini protein electrophoresis, the omniPAGE mini is constructed using the latest injection moulding manufacturing techniques. This gives a high quality, low cost product with unsurpassed finish, durability and strength.

The unit incorporates a sealing system which is compatible with all major types of 8 x 10cm and 10 x 10cm precast gel.

Gel casting and running utilise the same insert, no transfer of glass plates during gel casting is necessary. The insert contains the option of sliding clamps or just one screw per clamping bar side allowing very rapid set up of both hand cast and precast gels. Ultra soft silicone seals and pressure bars which surround the glass plates guarantee leak proof gel casting. 2mm thick glass plates prevent breakage and have bonded spacers for convenience.

Accessory electroblotting and tube gel modules are available which use the same outer tank and lid.

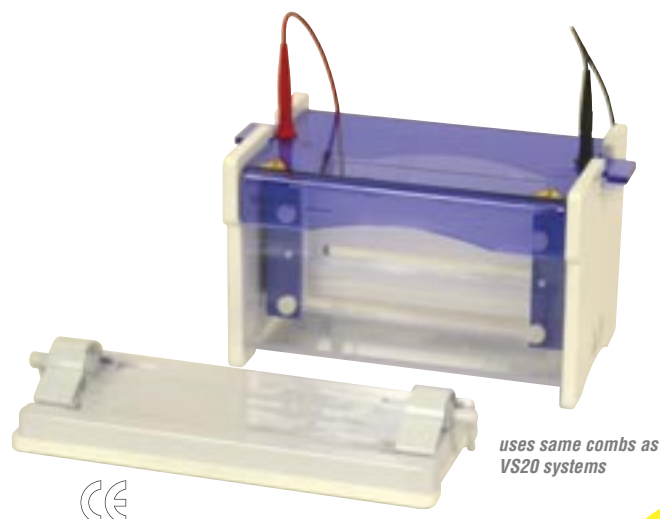
Ordering Information

CVS10D	omniPAGE Mini, 10 x 10cm Dual, 2 sets of Glass Plates, 1mm thick bonded Spacers, 2 x 12 sample, 1mm thick combs. CLAMP VERSION		
CVS10DSYS	omniPAGE Mini, 10 x 10cm Dual, 2 sets of Glass Plates, 1mm thick bonded Spacers, 2 x 12 sample, 1mm thick combs including caster. CLAMP VERSION		
CVS10PRE	omniPAGE Mini, 10 x 10cm Dual. No accessories. CLAMP VERSION		
CVS10DSYS-CU	omniPAGE Mini, 10 x 10cm Dual, 2 sets of Glass Plates, 1mm thick bonded Spacers, 2 x 12 sample, 1mm thick combs including caster. CLAMP VERSION, External casting upstand		
CVS10EXCASTER	External Casting Stand - No Casting Base	VS10PGS1	10 x 10cm Plain Glass Plates with 1mm Bonded Spacers (pk/2)
CVS10EXCASTERSYS	External Casting System - Upstand+ Base	VS10NGS1.5	10 x 10cm Notched Glass Plates with 1.5mm Bonded Spacers (pk/2)
VS10DCAST	10 x 10cm Casting Base	VS10PGS1.5	10 x 10cm Plain Glass Plates with 1.5mm Bonded Spacers (pk/2)
VS10DCASTM	Replacement Silicone Mat for 10 x 10cm Casting Base	VS10NGS2	10 x 10cm Notched Glass Plates with 2mm Bonded Spacers (pk/2)
CVS10DIRM	Inner Running Module	VS10PGS2	10 x 10cm Plain Glass Plates with 2mm Bonded Spacers (pk/2)
VS10ICB	Mini Cooling Pack	VS10DP	Dummy Plate, 10 x 10cm
VS10-X-LG	Loading Guides x = sample number	VS10S0.75	10cm Spacers - 0.75mm (pk/2)
VS10NG	10 x 10cm Notched Glass Plates 2mm thick (pk/2)	VS10S1	10cm Spacers - 1mm thick (pk/2)
VS10PG	10 x 10cm Plain Glass Plates 2mm thick (pk/2)	VS10S1.5	10cm Spacers - 1.5mm thick (pk/2)
VS10NGS0.75	10 x 10cm Notched Glass Plates with 0.75mm Bonded Spacers (pk/2)	VS10S2	10cm Spacers - 2mm thick (pk/2)
VS10PGS0.75	10 x 10cm Plain Glass Plates with 0.75mm Bonded Spacers (pk/2)	RPW-0.2	Replacement Platinum Wire - 0.2mm, 50cm
VS10NGS1	10 x 10cm Notched Glass Plates with 1mm Bonded Spacers (pk/2)		

Code	Description	Sample Volume per well	Code	Description	Sample Volume per well
0.75mm					
VS10-1-0.75	Comb 1 Prep, 1 Marker, 0.75mm thick	500µl	VS10-1-1.5	Comb 1 Prep, 1 Marker, 1.5mm thick	1000µl
VS10-5-0.75	Comb 5 sample, 0.75mm thick	70µl	VS10-5-1.5	Comb 5 sample, 1.5mm thick	140µl
VS10-8MC-0.75	Comb 8 sample MC, 0.75mm thick	40µl	VS10-8MC-1.5	Comb 8 sample MC, 1.5mm thick	80µl
VS10-9-0.75	Comb 9 sample, 0.75mm thick	35µl	VS10-9-1.5	Comb 9 sample, 1.5mm thick	70µl
VS10-10-0.75	Comb 10 sample, 0.75mm thick	30µl	VS10-10-1.5	Comb 10 sample, 1.5mm thick	30µl
VS10-12-0.75	Comb 12 sample, 0.75mm thick	25µl	VS10-12-1.5	Comb 12 sample, 1.5mm thick	50µl
VS10-16MC-0.75	Comb 16 sample MC, 0.75mm thick	20µl	VS10-16MC-1.5	Comb 16 sample MC, 1.5mm thick	40µl
VS10-20-0.75	Comb 20 sample, 0.75mm thick	15µl	VS10-20-1.5	Comb 20 sample, 1.5mm thick	30µl
1.0mm					
VS10-1-1	Comb 1 Prep, 1 Marker, 1mm thick	650µl	VS10-1-2	Comb 1 Prep, 1 Marker, 2mm thick	1300µl
VS10-5-1	Comb 5 sample, 1mm thick	100µl	VS10-5-2	Comb 5 sample, 2mm thick	200µl
VS10-8MC-1	Comb 8 sample MC, 1mm thick	60µl	VS10-8MC-2	Comb 8 sample MC, 2mm thick	120µl
VS10-9-1	Comb 9 sample, 1mm thick	50µl	VS10-9-2	Comb 9 sample, 2mm thick	100µl
VS10-10-1	Comb 10 sample, 1mm thick	40µl	VS10-10-2	Comb 10 sample, 2mm thick	80µl
VS10-12-1	Comb 12 sample, 1mm thick	35µl	VS10-12-2	Comb 12 sample, 2mm thick	70µl
VS10-16MC-1	Comb 16 sample MC, 1mm thick	25µl	VS10-16MC-2	Comb 16 sample MC, 2mm thick	50µl
VS10-20-1	Comb 20 sample, 1mm thick	20µl	VS10-20-2	Comb 20 sample, 2mm thick	40µl
2.0mm					

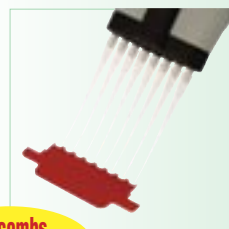
Combs, spacers and accessories also available in 0.5mm MC = multichannel pipette compatible

omniPAGE mini wide



uses same combs as VS20 systems

- Offers the capacity of two mini gels on a single gel
- Rapid gel casting and loading
- Optional low or high buffer volumes
- Rapid set up cooling



For combs, see page 24

Mini SDS PAGE, Native PAGE, Gradient, Second dimension and Nucleic acid separations

Typical Applications

The omniPAGE mini wide vertical gel unit with a gel width of 20cm effectively allows double the number of samples to be resolved as the omniPAGE mini unit. This allows consistency of sample comparison on a single gel and is designed for those with greater than 20 samples to compare and resolve.

Simple set up using ultra soft silicone seals guarantees trouble free glass plate loading and gel casting. Dual gaskets on the gel running insert along with notched and plain glass plates ensure leak proof gel running. Rapid set up cooling retains resolution in extended separations and also saves on buffer volume without affecting run quality.

4mm thick glass plates reduce breakage and have bonded spacers for added convenience. A wide range of accessories is available allowing many techniques to be performed using the same unit. Prep combs can be used to maximise sample loading and recovery. Accessory electroblotting and tube gel modules are available which use the same outer tank and lid.

Technical Specifications

PLATE DIMENSIONS, GEL DIMENSIONS, (W x L)	20 x 10cm 18 x 8cm
UNIT DIMENSIONS	26 x 16 x 16cm (W x D x H)
MAX. SAMPLE CAPACITY	192 SAMPLES, 48 SAMPLES PER GEL
BUFFER VOLUME	Min 600ML; Max 2800ML
COMBS AVAILABLE :	
NO. OF SAMPLES	1, 5, 10, 18MC, 24, 30, 36MC, 48
THICKNESSES	0.75, 1, 1.5, 2mm

Ordering Information

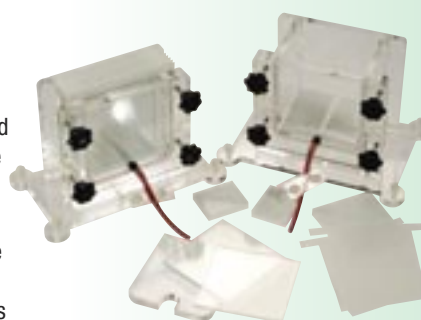
VS10WD	omniPAGE Mini Wide, 20 x 10cm Dual, 2 sets of Glass Plates with 1mm thick bonded Spacers, 2 x 24 sample, 1mm thick combs, cooling pack		
VS10WDSYS	omniPAGE Mini Wide, 20 x 10cm Dual, 2 sets of Glass Plates with 1mm thick bonded Spacers, 2 x 24 sample, 1mm thick combs, cooling pack including caster		
VS10WDSYS-CU	omniPAGE Mini Wide, 20 x 10cm Dual, 2 sets of Glass Plates, 1mm thick bonded Spacers, 2 x 24 sample, 1mm thick combs including caster, External casting upstand		
VS10WEXCASTER	VS10W External Casting Stand - No Casting Base	VS10WPGS0.75	20 x 10cm Plain Glass Plates with 0.75mm Bonded Spacers (pk/2)
VS20CAST	20 x 10cm Casting Base	VS10WNGS1	20 x 10cm Notched Glass Plates with 1mm Bonded Spacers (pk/2)
VS20DCASTM	Replacement Silicone Mat for 20 x 10cm Casting Base	VS10WPGS1	20 x 10cm Plain Glass Plates with 1mm Bonded Spacers (pk/2)
VS10WDIRM	Inner Running Module	VS10WPGS1.5	20 x 10cm Plain Glass Plates with 1.5mm Bonded Spacers (pk/2)
VS20-x -LG	Loading guides for omniPAGE mini combs, x = comb well number	VS10WPGS2	20 x 10cm Plain Glass Plates with 2mm Bonded Spacers (pk/2)
VS10WNG	20 x 10cm Notched Glass Plates 4mm thick (pk/2)	VS10WDP	Dummy Plate, 20 x 10cm
VS10WPG	20 x 10cm Plain Glass Plates 4mm thick (pk/2)	RPW-0.2	Replacement Platinum Wire - 0.2mm, 50cm
VS10WNGS0.75	20 x 10cm Notched Glass Plates with 0.75mm Bonded Spacers (pk/2)	VS20ICB	Maxi Cooling Pack

multiple minigel casting

- Integral levelling feet and level bubble
- Standard and gradient gels can be poured
- Choice of 6, 12 or 24 gel casting models

Advance casting of multiple mini gels can help to achieve consistent results between runs. These multiple gel casting systems are tailored for use with omniPAGE mini vertical electrophoresis units; with three models of 6, 12 and 24 gel capacities. Fewer gels can be poured if required using the acrylic saver blocks supplied with each system.

The fixed hinged clamps allows the gel sandwich to be adjusted to the correct pressure irrespective of the number or the thickness of gels being poured. Separation sheets allow the easy separation of the glass plates after pouring.



Ordering Information

CSL-6CAST	6 gel caster for 8 x 10cm or 10 x 10cm gels	CSL-GM15	15ml Gradient Mixer	CSL-GM100	100ml Gradient Mixer
CSL-12CAST	12 gel caster for 8 x 10cm or 10 x 10cm gels	CSL-GM25	25ml Gradient Mixer	CSL-GM500	500ml Gradient Mixer
CSL-24CAST	24 gel caster for 8 x 10cm or 10 x 10cm gels	CSL-GM50	50ml Gradient Mixer		

gradient mixers

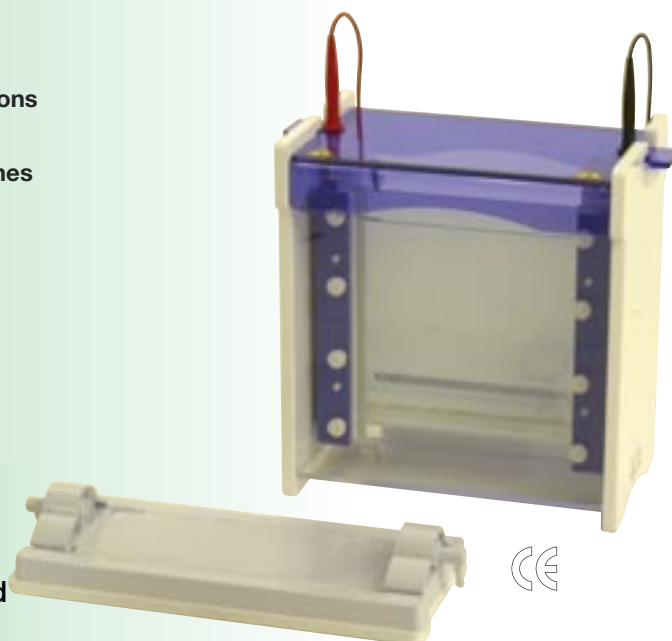
Ideal for Caesium, Sucrose and Gel gradients these Gradient Mixers comprise two chambers – a reservoir and a mixing chamber with an interconnecting valve. A second valve regulates the output flow from the mixing chamber. All mixers have a flat base which allows them to be placed on a magnetic stirrer. A magnetic stirring bar can be placed directly in the mixing chamber to ensure a constant gradient. The support rod allows the mixer to be fixed to a retort stand for extra stability.



omniPAGE maxi

- Ideal for high resolution separations
- Rapid gel casting and loading
- Optional low or high buffer volumes
- Rapid set up cooling

Maxi SDS PAGE, Native PAGE, Gradient, Second dimension and Nucleic acid separations



Technical Specifications

PLATE DIMENSIONS, GEL DIMENSIONS, (W x L)	20 x 20cm 16 x 17.5cm
UNIT DIMENSIONS	26 x 16 x 28cm (W x D x H)
MAX. SAMPLE CAPACITY	192 SAMPLES, 48 SAMPLES PER GEL
BUFFER VOLUME	MIN 1200ML; MAX 5600ML
COMBS AVAILABLE :	
NO. OF SAMPLES	1, 5, 10, 18MC, 24, 30, 36MC, 48
THICKNESSES	0.75, 1, 1.5, 2mm

The preferred unit for maxi protein electrophoresis, the omniPAGE maxi unit combines convenient ease of use features with high resolution separations. Simple set up using ultra soft silicone seals guarantees trouble free glass plate loading and gel casting.

Dual gaskets on the gel running insert along with notched and plain glass plates ensure leak proof gel running. Rapid set up cooling retains resolution in extended separations and also saves on buffer volume without affecting run quality.

Glass plates reduce breakage and have bonded spacers for added convenience. A wide range of accessories is available allowing many techniques to be performed using the same unit. Prep combs can be used to maximize sample loading and recovery. Accessory electroblotting and tube gel modules are available which use the same outer tank and lid.

Ordering Information

VS20D	omniPAGE Maxi, 20 x 20cm Dual with Glass Plates with bonded 1mm thick spacers, 2x 24 sample combs, cooling pack, dummy plate		
VS20DSYS	omniPAGE Maxi, 20 x 20cm Dual with Glass Plates with bonded 1mm thick spacers, 2x 24 sample combs, cooling pack, dummy plate and Casting Base		
VS20DSYS-CU	omniPAGE Maxi, 20 x 20cm Dual, 2 sets of Glass Plates, 1mm thick bonded Spacers, 2 x 24 sample, 1mm thick combs including caster, External casting upstand		
VS20WEXCASTER	VS20 External Casting Stand - No Casting Base	VS20NGS1	20 x 20cm Notched Glass Plates with 1mm Bonded Spacers (pk/2)
VS20DCAST	20 x 20cm Dual Casting Base	VS20PGS1	20 x 20cm Plain Glass Plates with 1mm Bonded Spacers (pk/2)
VS20DCASTM	Replacement Silicone Mat for 20 x 20cm Casting Base	VS20PGS1.5	20 x 20cm Plain Glass Plates with 1.5mm Bonded Spacers (pk/2)
VS20DIRM	Inner Running Module	VS20PGS2	20 x 20cm Plain Glass Plates with 2mm Bonded Spacers (pk/2)
VS20ICB	Maxi Cooling Pack	VS20DP	Dummy Plate, 20 x 20cm
VS20-x -LG	Loading guides for omniPAGE maxi combs, x = comb well number	VS20S0.75	20cm Spacers - 0.75mm (pk/2)
VS20NG	20 x 20cm Notched Glass Plates 4mm thick (pk/2)	VS20S1	20cm Spacers - 1mm thick (pk/2)
VS20PG	20 x 20cm Plain Glass Plates 4mm thick (pk/2)	VS20S1.5	20cm Spacers - 1.5mm thick (pk/2)
VS20NGS0.75	20 x 20cm Notched Glass Plates with 0.75mm Bonded Spacers (pk/2)	VS20S2	20cm Spacers - 2mm thick (pk/2)
VS20PGS0.75	20 x 20cm Plain Glass Plates with 0.75mm Bonded Spacers (pk/2)	RPW-0.2100	Replacement Platinum Wire - 0.2mm, 100cm

Code	Description	Sample Volume per well
VS20-1-0.75	Comb 1 Prep, 1 Marker, 0.75mm thick	1100µl
VS20-5-0.75	Comb 5 sample, 0.75mm thick	160µl
VS20-10-0.75	Comb 10 sample, 0.75mm thick	80µl
VS20-18MC-0.75	Comb 18 sample MC, 0.75mm thick	40µl
VS20-24-0.75	Comb 24 sample, 0.75mm thick	30µl
VS20-30-0.75	Comb 30 sample, 0.75mm thick	25µl
VS20-36MC-0.75	Comb 36 sample MC, 0.75mm thick	20µl
VS20-48-0.75	Comb 48 sample, 0.75mm thick	15µl
VS20-1-1	Comb 1 Prep, 1 Marker, 1mm thick	1500µl
VS20-5-1	Comb 5 sample, 1mm thick	200µl
VS20-10-1	Comb 10 sample, 1mm thick	100µl
VS20-18MC-1	Comb 18 sample MC, 1mm thick	50µl
VS20-24-1	Comb 24 sample, 1mm thick	40µl
VS20-30-1	Comb 30 sample, 1mm thick	35µl
VS20-36MC-1	Comb 36 sample MC, 1mm thick	25µl
VS20-48-1	Comb 48 sample, 1mm thick	20µl

Code	Description	Sample Volume per well
VS20-1-1.5	Comb 1 Prep, 1 Marker, 1.5mm thick	2200µl
VS20-5-1.5	Comb 5 sample, 1.5mm thick	320µl
VS20-10-1.5	Comb 10 sample, 1.5mm thick	160µl
VS20-18MC-1.5	Comb 18 sample MC, 1.5mm thick	80µl
VS20-24-1.5	Comb 24 sample, 1.5mm thick	60µl
VS20-30-1.5	Comb 30 sample, 1.5mm thick	50µl
VS20-36MC-1.5	Comb 36 sample MC, 1.5mm thick	40µl
VS20-48-1.5	Comb 48 sample, 1.5mm thick	30µl
VS20-1-2	Comb 1 Prep, 1 Marker, 2mm thick	3000µl
VS20-5-2	Comb 5 sample, 2mm thick	400µl
VS20-10-2	Comb 10 sample, 2mm thick	200µl
VS20-18MC-2	Comb 18 sample MC, 2mm thick	100µl
VS20-24-2	Comb 24 sample, 2mm thick	80µl
VS20-30-2	Comb 30 sample, 2mm thick	70µl
VS20-36MC-2	Comb 36 sample MC, 2mm thick	50µl
VS20-48-2	Comb 48 sample, 2mm thick	40µl

MC = multichannel pipette compatible