

Mini V-GES for Precast Gels



Mini V-GES



Features

Dual Capacity can run either two precast gels or two Western blots simultaneously. Each gel or blotting cassette is placed into double-gasketed receptacle in the gel running core for increased perimeter pressure, ensuring a tight fit and preventing surrounding buffer interference. Hinged core design allows easy loading and removal of gel or blotting cassettes.

Mini V-GES can accommodate 10cm (W) x 10cm (H), 10cm (W) x 9cm (H), or 10cm (W) x 8cm (H) precast gels. Alternatively, handcasting can be accomplished by purchasing optional handcasting kit. Gel or blotting cassettes can be extracted from the core without removing the core from the tank, allowing for quick processing of samples. Provides the capability of running two gels or two blots simultaneously under identical temperature controlled buffer conditions using freezer blocks.

Mini V-GES system includes the following:

- Running core with contrasting yellow loading background
- Adaptor plate for running one gel at a time
- 2 blotting cassettes with sponge pads
- Upper lid with electrode cables
- Lower buffer reservoir
- 2 freezer blocks

Applications

- Education, university, academic and research institute
- Analytical chemistry, molecular laboratory
- Food industrial and inspection laboratory
- Drug discovery, Biotechnology company
- Proteomics, genomics core facility
- Enzyme reaction, immunology

Specification

No. of gels	1 - 2
Compatible precast gels	Rapid PAGE / NuPAGE®* / PAGER®*
Compatible precast gels	Expedeon®*/ SERVAGel®* / Clear PAGE™*
Precast gel sizes that fit	10 x 10cm / 10 x 9cm / 10 x 8cm
Handcast glass plate set dimensions	10 x 10cm (WxH)
Total buffer volume for 2 gels / blots	940ml
Gel run time	30 - 60 minutes
Blot run time	75 minutes
Recommended power supply	ELITE 300 / ELITE 300 PLUS / ELITE 200
Physical dimensions	16.5 x 15.24 x 21.59cm (WxDxH)

*NuPAGE® is a trademark of Invitrogen Corporation, PAGER® is a trademark of Lonza, Expedeon® is a trademark of Expedeon, SERVAGel® is a trademark of Serva, and Clear PAGE™ is a trademark of C.B.S.

Precast Gel Options for Mini V-GES System

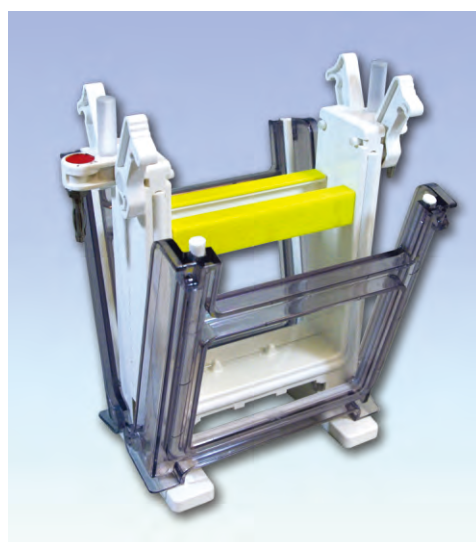
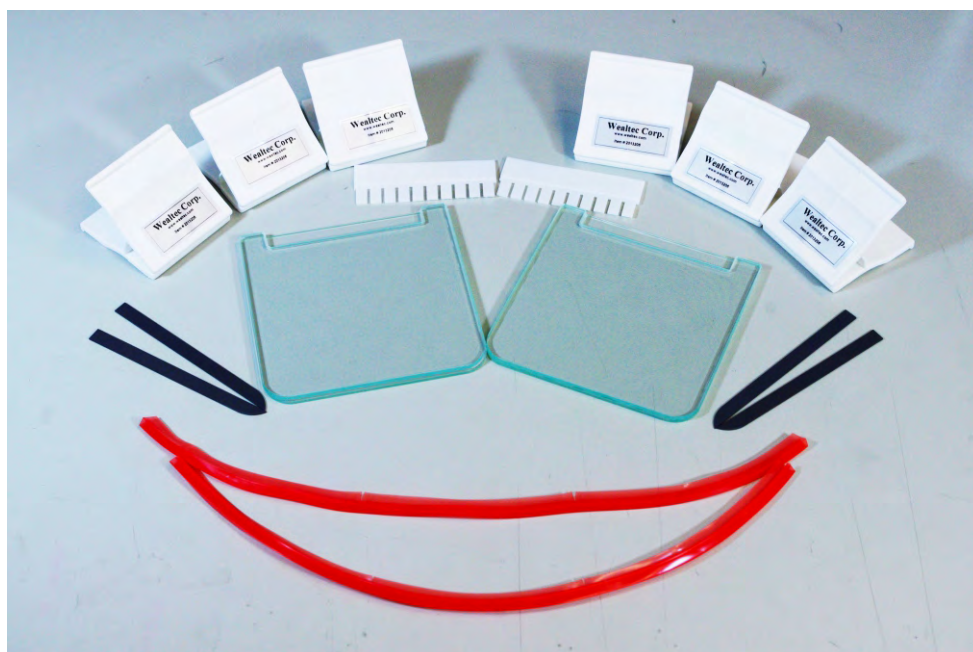
Rapid PAGE Precast Gels:
Superior quality SDS and DNA/Native PAGE precast gels. Available in two sizes:
10cm (W) x 10cm (H) or 10cm (W) x 8cm (H).

Comb Selections

Cat. No.	No. of teeth	Teeth thickness (mm)	Width of teeth (mm)	Well volume (µl)
2013134	1	0.75	66.6	474.52
2013135	10	0.75	5.23	37.26
2013136	14	0.75	3.3	31.35
2013137	16	0.75	2.92	20.81
2013138	1	1.0	66.6	632.7
2013139	10	1.0	5.23	49.68
2013140	14	1.0	3.3	31.35
2013141	16	1.0	2.92	27.74
2013142	1	1.5	66.6	949.05
2013143	10	1.5	5.23	74.52
2013144	14	1.5	3.3	47.02
2013145	16	1.5	2.92	41.61

Optional Handcast Gel Kit

- 2 leak-free gaskets (choice of 0.75mm, 1.0mm, or 1.5mm)
- 2 sets of spacers (choice of 0.75mm, 1.0mm, or 1.5mm)
- 2 combs (choice 10, 14, or 16 wells)
- 2 sets of glass plates
- 6 clamps



Ordering Information

Catalog No.	Description
2013001H	Mini V-GES w / ELITE 300 PLUS power supply, 120V and dual gel handcasting kit, 0.75mm, 10 wells
2013002H	Mini V-GES w / ELITE 300 PLUS power supply, 230V and dual gel handcasting kit, 0.75mm, 10 wells
2013003H	Mini V-GES w / ELITE 300 PLUS power supply, 120V and dual gel handcasting kit, 1.0mm, 10 wells
2013004H	Mini V-GES w / ELITE 300 PLUS power supply, 230V and dual gel handcasting kit, 1.0mm, 10 wells
2013005H	Mini V-GES w / ELITE 300 PLUS power supply, 120V and dual gel handcasting kit, 1.5mm, 10 wells
2013006H	Mini V-GES w / ELITE 300 PLUS power supply, 230V and dual gel handcasting kit, 1.5mm, 10 wells
2013011H	Mini V-GES w / dual gel handcasting kit, 0.75mm, 10 wells
2013012H	Mini V-GES w / dual gel handcasting kit, 1.0mm, 10 wells
2013013H	Mini V-GES w / dual gel handcasting kit, 1.5mm, 10 wells
2013021P	Mini V-GES complete system with ELITE 300 PLUS power supply, 120V for precasting gels
2013022P	Mini V-GES complete system with ELITE 300 PLUS power supply, 230V for precasting gels
2013031P	Mini V-GES complete system for precasting gels only
Accessories	
2013101	Dual gel handcasting kit includes 0.75mm, 10 wells
2013102	Dual gel handcasting kit includes 0.75mm, 14 wells
2013103	Dual gel handcasting kit includes 0.75mm, 16 wells
2013104	Dual gel handcasting kit includes 1.0mm, 10 wells
2013105	Dual gel handcasting kit includes 1.0mm, 14 wells
2013106	Dual gel handcasting kit includes 1.0mm, 16 wells
2013107	Dual gel handcasting kit includes 1.5mm, 10 wells
2013108	Dual gel handcasting kit includes 1.5mm, 14 wells
2013109	Dual gel handcasting kit includes 1.5mm, 16 wells
2013201	Blotting cassette, including sponge pad
2013202	Sponge pad, set of 4
2013203	Freezer block
2013204	Shim for Lonza gels, 10 x 9 cm precast gels
2013205	Single gel adapter plate
2013206	Gel casting white spring clamps
2013207	GM-50 gradient maker, 50ml per side with side outlet
2013208	Gradient Maker tubing adapter kit
2013231	Mini-Peristaltic pump, Variable mini-pump, 120V
2013232	Mini-Peristaltic pump, Variable mini-pump, 220V



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