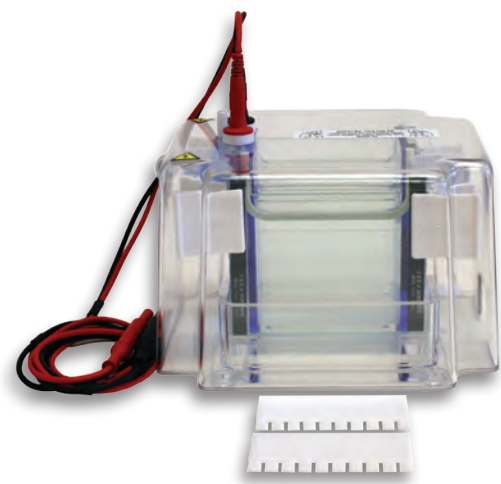
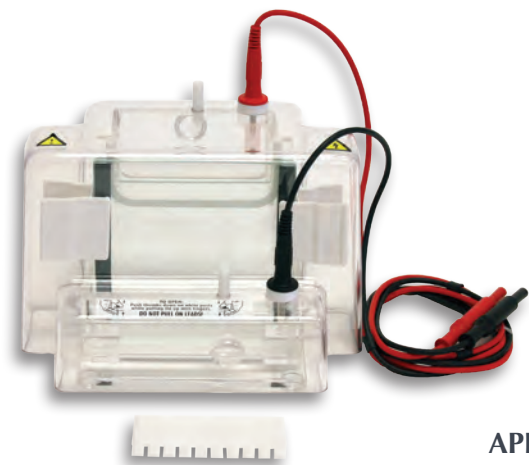


2 sizes of Mini-Verticals fit precast or handcast gels



Single Mini-Vertical MGV-102

Complete System:

- Electrophoresis Unit
- Silicone gaskets on front of unit
- Platinum electrodes
- Safety cover with power leads
- 1 comb
- 1 sets of Gel Wrap® glass plates
- 1 sets of Gel Wrap® spacers
- 1 Gel Wrap® gasket
- 5 spring clamps

APPLICATIONS

- SDS-PAGE
- Native PAGE
- Nucleic Acid PAGE

Dual Mini-Vertical MGV-202

Complete System:

- Electrophoresis Unit with internal cooling chamber and coolant recirculation ports
- Silicone gaskets on both sides of unit
- Platinum electrodes
- Safety cover with power leads
- 2 combs
- 2 sets of Gel Wrap® glass plates
- 2 sets of Gel Wrap® spacers
- 2 Gel Wrap® gaskets
- 10 spring clamps
- Conversion plate for running one gel at a time

FEATURES

- The MGV-102 and MGV-202 fit 10cm x 10cm precast gels.
- The internal cooling chamber of the Dual unit provides the capability of running 2 gels simultaneously under identical temperature controlled buffer conditions
- Compatible Blotting Systems run up to 4 gels at a time
- Choice of 2 methods for handcasting of gels
- Small size permits rapid analysis of samples and reduces use of expensive reagents needed for gel formation and running buffer.
- A wide assortment of accessories are available for all sizes.

SPECIFICATIONS

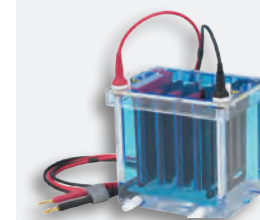
Cat. #	Single or Dual	Gel Capacity	Buffer Volumes (ml)	Overall Dimensions W x D x H (cm)	Glass plate/Cassette size W x H (cm)	Precast Gels W x H (cm)	Run Time	Multiple Gel Casting Chamber	Blotting Chamber
MGV-102	single	1	155	14 x 19.7 x 12.7	11.3 x 10 10 x 10	10 x 10	30 -90 minutes	GCC-204 GCC-204K*	EBU-204 EBU-4000
MGV-202	dual	1-2	250	17 x 19.7 x 12.7					

* Multi-Gel Casting Chamber Kit includes Chamber, separation sheets, 4 sets of glass plates, 4 sets of spacers, and 4 combs

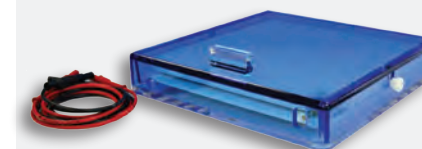
COMB OPTIONS for 11.3cm wide units MGV-102, MGV-202
material: PTFE, tooth depth: 9.5mm, overall length: 9.9cm

Cat. #	# of Teeth	Thickness of Teeth (mm)	Width of Teeth (mm)	Recommended Max. Sample Vol./Well (µl)*
MVC-0707	7	0.75	9.2	49
MVC-0710	10	0.75	5.8	31
MVC-0714	14	0.75	3.4	18
MVC-0718	18	0.75	2.9	11
MVC-1007	7	1.0	9.2	65
MVC-1010	10	1.0	5.8	41
MVC-1014	14	1.0	3.4	25
MVC-1018	18	1.0	2.9	15
MVC-1507	7	1.5	9.2	120
MVC-1510	10	1.5	5.8	61
MVC-1514	14	1.5	3.4	37
MVC-1518	18	1.5	2.9	23

COMPATIBLE BLOTTING SYSTEMS



Tank Mini-Blotting System EBU-204 fits gel dimensions up to 10cm x 10cm. Compatible for gels used with any of the MGV units.



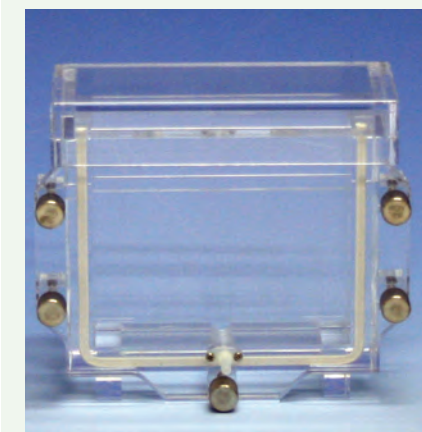
Semi-Dry Blotter EBU-4000 fits 4 gels with dimensions of 10cm x 10cm.

ORDERING INFORMATION *

CAT. #	DESCRIPTION
MINI-VERTICALS - 11.3CM(W) X 10CM(H)*	
MGV-102	Mini-Vertical System, Single, CE
MGV-202	Mini-Vertical System, Dual, CE
Accessories and Related Products for MGV-102 & MGV-202	
MGP-100R	Gel Wrap® Glass Plate Set
MVE-0710	Gel Wrap® Gasket, 0.75mm thick
MVE-1010	Gel Wrap® Gasket, 1.0mm thick
MVE-1510	Gel Wrap® Gasket, 1.5mm thick
MVS-0710R	Gel Wrap® Spacer Set, 0.75mm thick
MVS-1010R	Gel Wrap® Spacer Set, 1.0mm thick
MVS-1510R	Gel Wrap® Spacer Set, 1.5mm thick
GCC-204	Multi-Caster, 4-place, Unit Only, 11.3cm(w)
MGP-100	Multi-Caster Glass Plate Set
MVS-0710	Multi-Caster Spacer Set, 0.75mm thick
MVS-1010	Multi-Caster Spacer Set, 1.0mm thick
MVS-1510	Multi-Caster Spacer Set, 1.5mm thick
EPS-300 X	Power Supply, CE, 10-300V, 4-500mA

2 HANDCAST GEL OPTIONS FOR MINI-VERTICAL SYSTEMS

OPTION 1: Multi-Caster Method



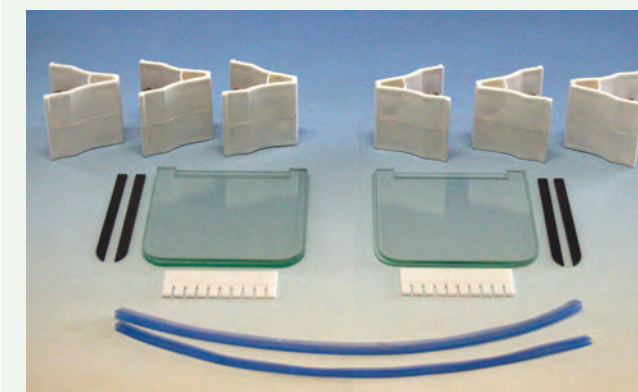
Multi-Caster, 4-place GCC-204, GCC-204

Complete System:

- Multi-Caster Chamber with lid, silicone gasket, 5 stainless steel thumbscrews, backfill port connecting to central filling trough (See page 23 for assembly diagram)
- Polycarbonate separation sheets
- Acrylic shim plate

Glass plates, combs, and spacers must be ordered separately.

OPTION 2: Gel Wrap® Casting System



C.B.S. Scientific has developed a revolutionary leak-proof gasket, Gel Wrap®, that seals the glass plate sandwich for gel casting quickly and easily. Single Systems come with components to handcast 1 gel while the Dual Systems include components to cast 2 gels at a time.

*See Product list or website for complete listing of catalog numbers and ordering options