

Run the equivalent of 4 standard 10 x 10 mini-gels simultaneously



DUAL DOUBLE-WIDE MINI-VERTICAL

MGV-202-20, 2-place

Complete System:

- Electrophoresis cell with cooling chamber and coolant recirculation ports
- Platinum electrodes
- Long-lasting silicone gasket
- Safety cover with attached power leads
- White spring clamps
- 2 combs
- 2 sets of Gel Wrap™ spacers
- 2 sets of Gel Wrap™ glass plates
- 2 lengths of Gel Wrap™ gasket

FEATURES

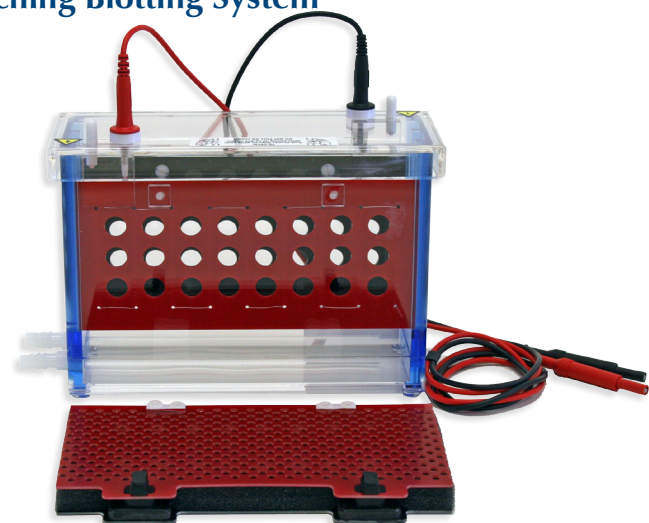
- Runs 2 each 20cm (w) x 10cm (h) gels with matching Blotting System EBU-402 available (see below).
- Run the equivalent of 4 standard 10 x 10 mini-gels simultaneously.
- 20cm wide systems are ideal for electrophoretic separations of a large number of samples that require a relatively short path-length for resolution.
- Internal cooling chamber for precise temperature control
- Double-wide mini-gels can be cast using our patented Gel Wrap™ Gasket system or with multiple gel casting chambers (as described on reverse side).
- The MGV-202-20 can screen of up to 102 samples simultaneously. The 52 well microtitre-compatible comb is designed to run up to 96 samples plus controls on each side so that results from 1 microtitre plate can be analyzed simultaneously.
- This system can be used for fluorescence based assays whose images can be captured on a scanner directly through optional borosilicate glass plate sets.

APPLICATIONS

- SDS-PAGE, • Native PAGE

SPECIFICATIONS	
Dual Double-Wide Mini-Vertical Cat. #	MGV-202-20
Matching Dimension Blotter Cat. #	EBU-402
Handcast glass plate dimensions (cm)	20(w) x 10(l)
Equivalent capacity of 10 x 10cm mini-gels	4
total buffer volume for 2 gels	430mls
total buffer volume for 2 blots in EBU-402	1.5 L
slab gel run time	35-40 minutes
blot run time	75 minutes
recommended power supply	EPS-300 or EPS-200
overall dimensions (W x L x H)	17.7" x 7.5" x 4.7" 45cm x 19cm x 12cm

Matching Blotting System



DOUBLE-WIDE MINI-BLOTTING SYSTEM

EBU-402, 2-place

Complete System:

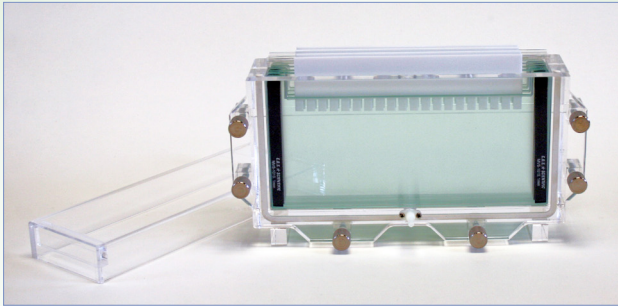
- Buffer chamber with room for spin bar beneath cassettes and internal cooling base for temperature controlled runs
- 2 platinum electrode panels
- 1 blotting cassette with 2 sponge pads
- Safety cover with attached power leads
- Tubing adapters

The EBU-402 Blotting System provides the capability of transferring 2 gels simultaneously under identical temperature controlled buffer conditions. Temperature control is achieved by passing coolant through the base of the blotter. This mini-vertical blotting system can accommodate gels of dimensions up to 20cm (w) x 9.5cm (h).

2 HANDCAST GEL OPTIONS FOR DOUBLE-WIDE SYSTEMS

Option #1:

4-PLACE MULTIPLE GEL CASTING CHAMBER KIT:



DOUBLE-WIDE MULTIPLE GEL CASTING CHAMBER KIT

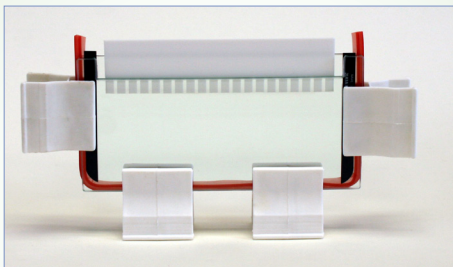
GCC-204-20K, 4-place

Complete System:

- Multi-Caster Chamber with lid, silicone gasket, 6 stainless steel thumbscrews, backfill port connecting to central filling trough
- 4 sets notched glass plate sets
- 4 sets of spacers (choice of 0.75mm, 1.0mm or 1.5mm thickness)
- 4 combs
- Polycarbonate barrier sheets

Option #2:

GEL WRAP™ CASTING METHOD:



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. Each Triple-Wide Mini-Vertical comes with 2 gel wrap gaskets and all components necessary to cast 2 gels by this method.

COMB OPTIONS for 20cm wide unit MGV-202-20
overall length = 15.8cm

Cat. #	tooth depth (mm)	# of teeth	thickness of teeth (mm)	tooth width (mm)	maximum well volume (µl)
MVC20-0717*	9.5	17	0.75	6.7	48
MVC20-0720	9.5	20	0.75	5.66	40
MVC20-0728	9.5	28	0.75	4	28
MVC20-0732	9.5	32	0.75	3.4	24
MVC20-0735*	9.5	35	0.75	2.95	21
MVC20-0752*	9.5	52	0.75	2	14
MVC20-1017*	9.5	17	1.0	6.7	64
MVC20-1020	9.5	20	1.0	5.66	54
MVC20-1028	9.5	28	1.0	4	38
MVC20-1032	9.5	32	1.0	3.4	32
MVC20-1035*	9.5	35	1.0	2.95	28
MVC20-1052*	9.5	52	1.0	2	19
MVC20-1517*	9.5	17	1.5	6.7	95
MVC20-1520	9.5	20	1.5	5.66	80
MVC20-1528	9.5	28	1.5	4	57
MVC20-1532	9.5	32	1.5	3.4	48
MVC20-1535*	9.5	35	1.5	2.95	42
MVC20-1552*	9.5	52	1.5	2	28

To calculate sample well volume expressed in millimeters (mm) of height, divide maximum volume by tooth depth.

*multi-channel pipettor compatible

ORDERING INFORMATION

DOUBLE-WIDE MINI-VERTICAL SYSTEMS & ACCESSORIES - 20CM(W) X 10CM(L)

Cat.#	Description
MGV-202-20	Dual Double-Wide Mini-Vertical System, 20cm(w) x 10cm(l)
MGE20-0710	Additional Gel Wrap Gasket, 0.75mm thick, for 10cm(l) glass plate
MGE20-1010	Additional Gel Wrap Gasket, 1.0mm thick, for 10cm(l) glass plate
MGE20-1510	Additional Gel Wrap Gasket, 1.5mm thick, for 10cm(l) glass plate
MVS-0710R	Additional Gel Wrap Gasket Spacer Set, 0.75mm thick, 10cm(l)
MVS-1010R	Additional Gel Wrap Gasket Spacer Set, 1.0mm thick, 10cm(l)
MVS-1510R	Additional Gel Wrap Gasket Spacer Set, 1.5mm thick, 10cm(l)
MGP20-100R	Additional Gel Wrap Gasket Glass plate set, 20cm(w) x 10cm(l)
MGP20-100R-DN	Borosilicate (back plate only) Glass plate set for use with Gel Wrap Gasket, 20cm(w) x 10cm(l)
EBU-402	Double-Wide Blotting System for MGV-202-20, 2 place. Includes 1 cassette.
EBC-402	Additional blotting cassette and sponge pads for EBU-402
GCC-204-20K	Double-Wide Multiple Gel Casting Chamber Kit, 4-place, 10cm(l)
MVS-0710	Additional Multiple Gel Casting Chamber Spacer Set, 0.75mm, 10cm(l)
MVS-1010	Additional Multiple Gel Casting Chamber Spacer Set, 1.0mm, 10cm(l)
MVS-1510	Additional Multiple Gel Casting Chamber Spacer Set, 1.5mm, 10cm(l)
MGP20-100	Additional Multiple Gel Casting Chamber Glass plate set, 20cm(w) x 10cm(l)