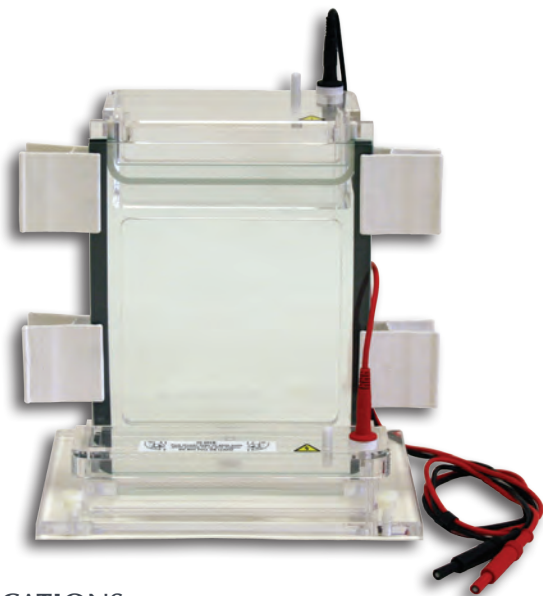


Economical and easy to use with a choice of 6 heights



C.B.S. Lite Vertical Systems

SG-125, SG-125-02, SG-160, SG-160-02, SG-170, SG-170-02, SG-190, SG-190-02, SG-200, SG-200-02, SG-250, SG-250-02

Complete System:

- Vertical electrophoresis cell with leveling base and bubble level
- Safety covers and power leads
- Leak proof silicone gasket on upper reservoir to which the glass plates are clamped
- Platinum electrodes
- 1 comb
- 1 set of Gel Wrap® glass plates
- 1 set of Gel Wrap® spacers
- 1 Gel Wrap® gasket for gel casting
- White spring clamps

APPLICATIONS

- SDS PAGE
- Native PAGE
- Nucleic Acid PAGE

FEATURES

- Single Slab Gel Systems are available in 6 heights.
- C.B.S. Lite System has a cut-out upright for air cooling
- A CE/EU version of safety cover is available for all C.B.S. Lite Systems. To specify the CE version add "-02" to the end of the catalog number.
- Glass plates to fit the six sizes offered are 16.5cm(w) with heights of: 145mm, 160mm, 170mm, 190mm, 220mm, 280mm, and can be ordered with a low fluorescent borosilicate back plate. Ideal for fluorescence based assays
- Spacer sets are offered in thicknesses of 0.75mm, 1.0mm, 1.5mm, 2.0mm and 3.0mm. For full listing of accessories please consult our website or product list.

SPECIFICATIONS			
Cat. #	Overall Dimensions W x D x H (cm)	Glass Plate Dimensions W x L (cm)	Recommended Reservoir Buffer Volume (mls)
SG-125(-02)	22 x 19 x 22	16.5 x 14.5	300 upper 125-200 lower
SG-160(-02)	22 x 19 x 23	16.5 x 16	300 upper 125-200 lower
SG-170(-02)	22 x 19 x 24	16.5 x 17	300 upper 125-200 lower
SG-190(-02)	22 x 19 x 26	16.5 x 19	300 upper 125-200 lower
SG-200(-02)	22 x 19 x 29	16.5 x 22	300 upper 125-200 lower
SG-250(-02)	22 x 19 x 48	16.5 x 28	300 upper 125-200 lower



BLOTTING SYSTEMS

The EBU-102 Blotting System provides the capability of transferring 3 gels simultaneously under identical temperature controlled buffer conditions. This vertical blotting system can accommodate gels of heights up to 22cm. See page 38 for complete description. Compatible Semi-Dry Blotter EBU-4000 is described on page 39.

COMB OPTIONS for 16.5 cm wide units					
material: PTFE, overall length: 13.1cm					
Cat. #	Tooth Depth (mm)	# of Teeth	Thickness of Teeth (mm)	Tooth Width (mm)	Recommended Max. Sample Vol./ Well (µl)*
VGC-0710	19.1	10	0.75	10.1	109
VGC-0712	19.1	12	0.75	7.9	85
VGC-0714*	19.1	14	0.75	6.4	68
VGC-0715	19.1	15	0.75	5.7	62
VGC-0716	19.1	16	0.75	5.2	56
VGC-0720	17.7	20	0.75	4.2	42
VGC-0729*	17.7	29	0.75	2.9	29
VGC-0730	17.7	30	0.75	2.8	28
VGC-1010	19.1	10	1.0	10.1	146
VGC-1012	19.1	12	1.0	7.9	113
VGC-1014*	19.1	14	1.0	6.4	90
VGC-1015	19.1	15	1.0	5.7	82
VGC-1016	19.1	16	1.0	5.2	74
VGC-1020	19.1	20	1.0	4.2	56
VGC-1029*	17.7	29	1.0	2.9	38
VGC-1030	17.7	30	1.0	2.8	37
VGC-1510	17.7	10	1.5	10.1	218
VGC-1512	19.1	12	1.5	7.9	170
VGC-1514*	19.1	14	1.5	6.4	137
VGC-1515	19.1	15	1.5	5.7	122
VGC-1516	19.1	16	1.5	5.2	110
VGC-1520	17.7	20	1.5	4.2	83
VGC-1529*	17.7	29	1.5	2.9	58
VGC-1530	17.7	30	1.5	2.8	56
VGC-2010	19.1	10	2.0	10.1	292
VGC-2012	19.1	12	2.0	7.9	226
VGC-2014*	19.1	14	2.0	6.4	180
VGC-2015	19.1	15	2.0	5.7	164
VGC-2016	19.1	16	2.0	5.2	148
VGC-2020	17.7	20	2.0	4.2	112
VGC-2029*	17.7	29	2.0	2.9	76
VGC-2030	17.7	30	2.0	2.8	74
VGC-3010	19.1	10	3.0	10.1	438
VGC-3012	19.1	12	3.0	7.9	339
VGC-3014*	19.1	14	3.0	6.4	270
VGC-3015	19.1	15	3.0	5.7	246
VGC-3016	19.1	16	3.0	5.2	222
VGC-3020	17.7	20	3.0	4.2	168
VGC-3029*	17.7	29	3.0	2.9	114
VGC-3030	17.7	30	3.0	2.8	111

*Multi-channel pipettor compatible

*Maximum loading volume is calculated by taking 75% of the total tooth volume.

GEL CASTING OPTIONS

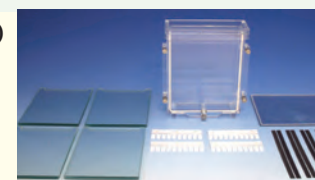
OPTION 1: Multi-Caster Method

Multi-Caster Kits, 16.5cm(w)

GCC-404K (4-place), GCC-410K (10-place)

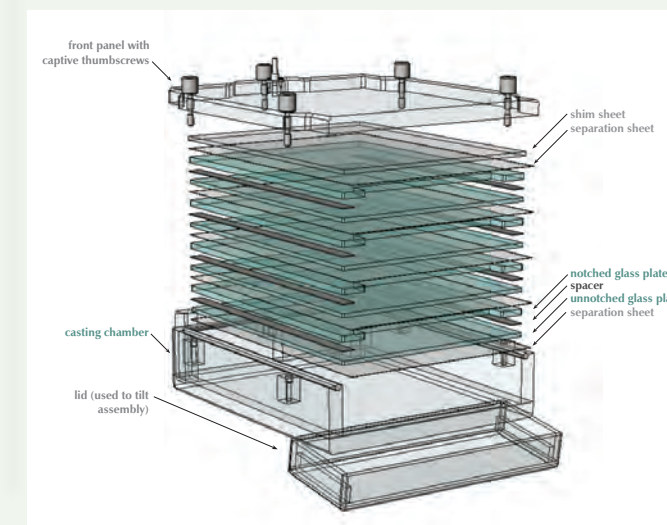
Complete System:

- Multi-Caster Chamber with lid, silicone gasket, 6 stainless steel thumbscrews, backfill port connecting to central filling trough (See assembly diagram below)
- 4 each (4-place) or 10 each (10-place) notched glass plate sets, spacers, and combs
- Polycarbonate separation sheets
- Acrylic shim plate



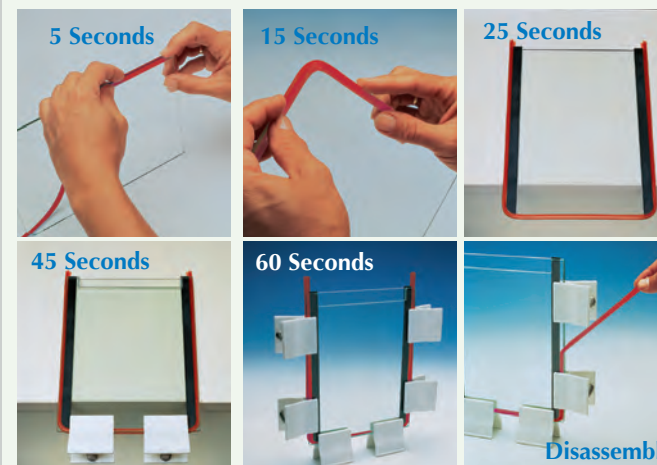
Multi-Caster Assembly Diagram

Diagram shown below depicts proper assembly for Multiple Gel Casting Chamber GCC-404-K.



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. Set-up time for gel casting can be accomplished in less than one minute. Gel Wrap is designed to perform two functions simultaneously - it holds onto the back glass plate, making it easy to handle, and it seals the spacers.



Online video instructions for both Gel Wrap® and Multi-Caster methods can be found at <http://www.cbsscientific.com/instructionvideos.aspx>.

ORDERING INFORMATION

CAT. #	DESCRIPTION
C.B.S. LITE VERTICAL SYSTEMS - 16.5CM(W)	
SG-125	C.B.S. Lite Vertical System , Complete System, glass plate height 14.5cm
SG-125-02	C.B.S. Lite Vertical System, CE , Complete System, glass plate height 14.5cm
SG-160	C.B.S. Lite Vertical System , Complete System, glass plate height 16cm
SG-160-02	C.B.S. Lite Vertical System, CE , Complete System, glass plate height 16cm
SG-170	C.B.S. Lite Vertical System , Complete System, glass plate height 17cm
SG-170-02	C.B.S. Lite Vertical System, CE , Complete System, glass plate height 17cm
SG-190	C.B.S. Lite Vertical System , Complete System, glass plate height 19cm
SG-190-02	C.B.S. Lite Vertical System, CE , Complete System, glass plate height 19cm
SG-200	C.B.S. Lite Vertical System , Complete System, glass plate height 22cm
SG-200-02	C.B.S. Lite Vertical System, CE , Complete System, glass plate height 22cm
SG-250	C.B.S. Lite Vertical System , Complete System, glass plate height 28cm
SG-250-02	C.B.S. Lite Vertical System, CE , Complete System, glass plate height 28cm
Accessories and Related Products for Slab Gel Kits*	
GCC-404K*	Multi-Caster Kit, 4-place, 16.5cm(w) , fits heights up to 22cm
GCC-410K*	Multi-Caster Kit, 10-place, 16.5cm(w) , fits heights up to 22cm
EBU-102	Blotting System, 3-place , fits gel heights up to 22cm. Includes 1 gel cassette
EBC-102	Additional Blotting Cassette for EBU-102
EPS-300 X	Power Supply, CE , 10-300V, 4-500mA
EPS-600	Power Supply, CE , 5-600V, 3-500mA

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