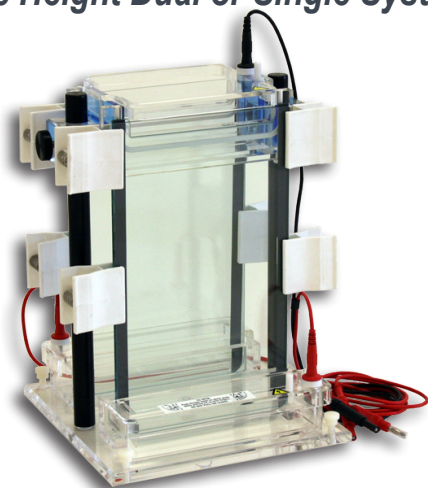


## Adjustable Height Dual or Single Systems adapt to changing methodologies

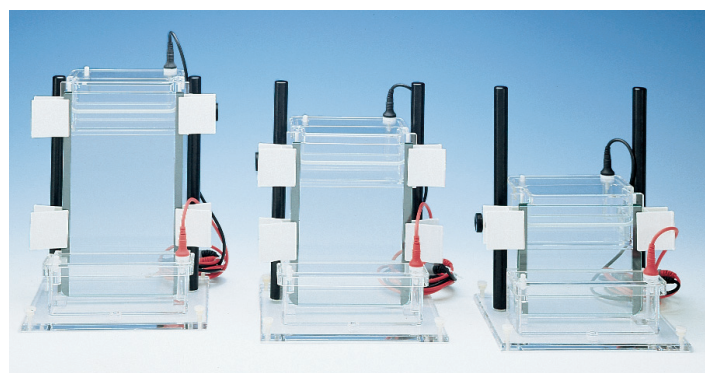


### Dual Adjustable Vertical Systems

DASG-250, DASG-250-02, DASG-400, DASG-400-02

#### Complete System:

- Dual vertical electrophoresis cell with delrin rods, 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
- 2 combs
- 2 sets Gel Wrap® glass plates
- 2 sets of Gel Wrap® spacers
- 2 Gel Wrap® gaskets for gel casting
- 2 wedge plate separators
- White spring clamps
- Conversion plate for running one gel at a time



### Adjustable Vertical Systems

ASG-250, ASG-250-02, ASG-400, ASG-400-02

#### Complete System:

- Single vertical electrophoresis cell with delrin rods, safety covers, power leads, and leveling base with bubble level
- Leak proof silicone gasket on upper reservoir to which the glass plates are clamped
- Platinum electrodes
- 1 comb
- 1 set Gel Wrap® glass plates
- 1 set of Gel Wrap® spacers
- 1 Gel Wrap® gasket for gel casting
- 1 wedge plate separator
- White spring clamps

### APPLICATIONS

- SDS PAGE
- Native PAGE
- Nucleic Acid PAGE

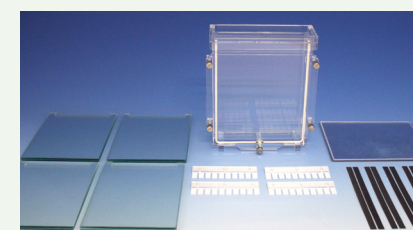
### FEATURES

- Single and Dual Adjustable Slab Gel Systems are designed to meet a variety of applications.
- The adjustable upper buffer reservoir rides on two delrin rods, and is secured in place by two stainless steel hand screws, providing the flexibility of running 16.5cm wide gels in lengths from 145mm up to 280mm (ASG-250 or DASG-250) or from 145mm up to 387mm (ASG-400 or DASG-400).
- The Dual Adjustable Slab Gel System allows two gels to be run simultaneously under identical buffer conditions.
- A CE/EU version of safety cover is available for both the single and dual adjustable units (not shown). To specify the CE version order the Adjustable Units with "-02" at the end of the catalog number.
- 16.5cm wide glass plates are available in seven lengths: 145mm, 160mm, 170mm, 190mm, 220mm, 280mm, and 387mm, and can be ordered with front plate beveled for two-dimensional electrophoresis.
- 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				
Vertical System Cat. #	# of Gels	Overall Dimensions W x D x H (cm)	Glass Plate Dimension Options W x L (cm)	Recommended Buffer Reservoir Volume (mls)
ASG-250 ASG-250-02	1	22 x 19 x 28	16.5 x 14.5 16.5 x 16 16.5 x 17 16.5 x 19 16.5 x 22 16.5 x 28	310-375 upper 150-350 lower
DASG-250 DASG-250-02	2	22 x 19 x 28	16.5 x 14.5 16.5 x 16 16.5 x 17 16.5 x 19 16.5 x 22 16.5 x 28	375-475 upper 150-350 lower
ASG-400 ASG-400-02	1	22 x 19 x 42	16.5 x 14.5 16.5 x 16 16.5 x 17 16.5 x 19 16.5 x 22 16.5 x 28 16.5 x 38.7	310-375 upper 150-350 lower
DASG-400 DASG-400-02	2	22 x 19 x 42	16.5 x 14.5 16.5 x 16 16.5 x 17 16.5 x 19 16.5 x 22 16.5 x 28 16.5 x 38.7	375-475 upper 150-350 lower

### GEL CASTING OPTIONS

#### OPTION 1: Multi-Caster Method



#### Multi-Caster Kits, 16.5cm(w)

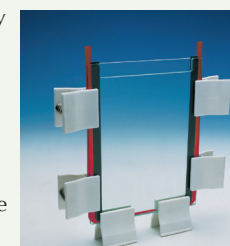
GCC-404K (4-place),  
GCC-410K (10-place)

#### Complete System:

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

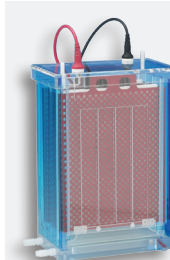
#### OPTION 2: Gel Wrap® Casting System

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.



### BLOTTING SYSTEMS

The EBU-102 Blotting System provides the capability of transferring 3 gels simultaneously under identical temperature controlled buffer conditions. Compatible Semi-Dry Blotter is cat. # EBU-4000. Both of these Blotting Systems can accommodate gels with glass plate dimensions up to 16cm(w) x 22cm(h).



#### 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.

### ORDERING INFORMATION \*

CAT. #	DESCRIPTION
<b>ADJUSTABLE VERTICAL SYSTEMS - 16.5CM(W)*</b>	
ASG-250	Adjustable Vertical System, Complete System, adjusts from 14.5cm-28cm
ASG-250-02	Adjustable Vertical System, CE, Complete System, adjusts from 14.5cm-28cm
ASG-400	Adjustable Vertical System, Complete System, adjusts from 14.5cm-40cm
ASG-400-02	Adjustable Vertical System, CE, Complete System, adjusts from 14.5cm-40cm
DASG-250	Dual Adjustable Vertical System, Complete System, adjusts from 14.5cm-28cm
DASG-250-02	Dual Adjustable Vertical System, CE, Complete System, adjusts from 14.5cm-28cm
DASG-400	Dual Adjustable Vertical System, Complete System, adjusts from 14.5cm-40cm
DASG-400-02	Dual Adjustable Vertical System, CE, Complete System, adjusts from 14.5cm-40cm
<b>Accessories and Related Products for Adjustable Slab Gel Kits*</b>	
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