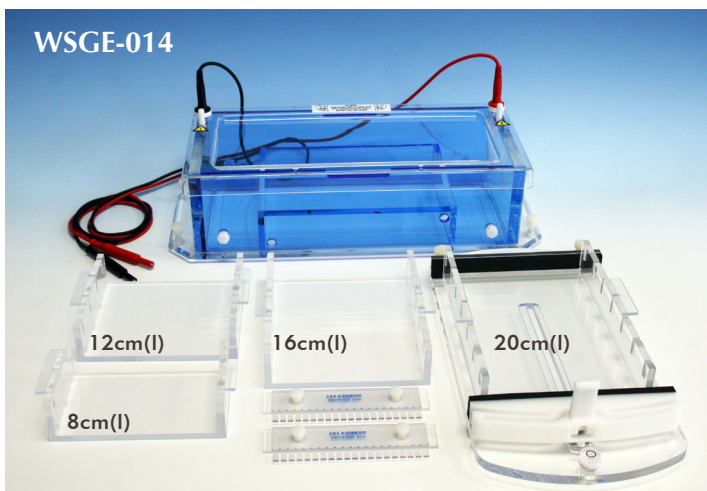


One Unit, multiple gel tray lengths and Adjustable Gel Caster

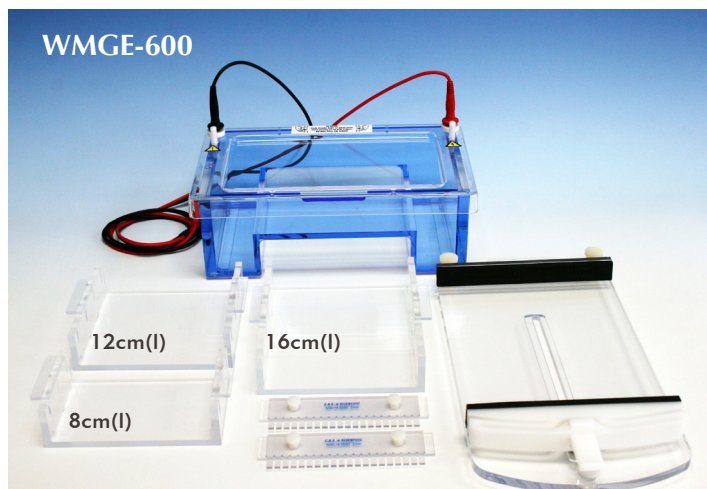


Flexicast Horizontal "4 in 1"

Cat. #WSGE-014

Complete System

- Flexicast Horizontal Unit with gel bed dimensions of 14cm (w) x 20cm (l), internal cooling chamber, buffer circulation ports, safety cover and power leads.
- 4 different winged gels trays:
 - 14cm(w) x 8cm
 - 14cm(w) x 12cm
 - 14cm(w) x 16cm
 - 14cm(w) x 20cm (shown in caster)
- Continuously Adjustable Gel Caster
- 2 adjustable height polycarbonate combs printed with catalog # and thickness



Flexicast Midi-Horizontal "3 in 1"

Cat. #WMGE-600

Complete System

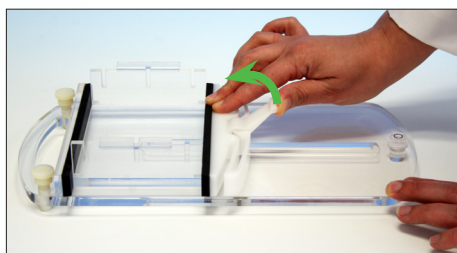
- Flexicast Midi-Horizontal Unit with gel bed dimensions of 14cm (w) x 16cm (l), safety cover and power leads.
- 3 different winged gels trays:
 - 14cm(w) x 8cm
 - 14cm(w) x 12cm
 - 14cm(w) x 16cm
- Continuously Adjustable Gel Caster
- 2 adjustable height polycarbonate combs printed with catalog # and thickness

Gel Casting with Continuously Adjustable Gel Caster

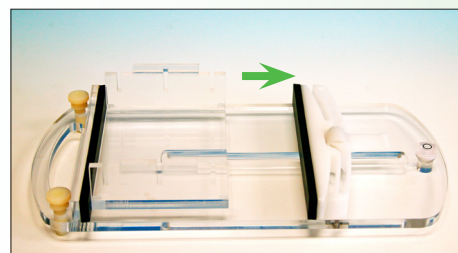
Continuously Adjustable Caster is easy to use and fits all 4 gel trays included in the Flexicast Systems. This Caster is adaptable to any gel tray between $\leq 14\text{cm}(w)$ and from 8-20cm(l). The gel tray friction fits between 2 rubber gaskets using a finger cam.



1. Place gel tray against stationary gasket and with finger cam in horizontal position slide gate to meet gel tray.

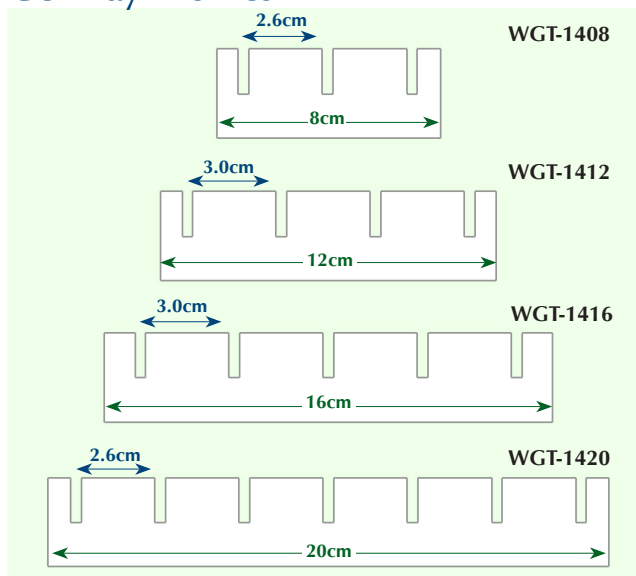


2. Friction fit gel tray into place and move finger cam into vertical position. Pour gel.



3. After agarose has cooled, return finger cam to horizontal position and slide gate away.

Gel Tray Profiles



Gel Tray Specifications

- UV transparent acrylic, 6.4mm thick
- grooves in gel tray corners create agarose anchors to prevent gel flotation during electrophoresis.
- Gel tray configuration allows single run or multiple simultaneous short runs.

Gel Tray Cat. #	Gel Tray Length	# of slots	maximum number of samples	pathlength/slot	Agarose solution required*
WGT-1408	8cm	2	54	2.6cm	50 ml
WGT-1412	12cm	3	81	3.0cm	75 ml
WGT-1416	16cm	4	108	3.0cm	100 ml
WGT-1420	20cm	6	162	2.6cm	162 ml

* the agarose required was calculated using a gel thickness of 0.5cm

Comb Options, 14cm wide

All combs are printed with catalog number and thickness.

overall length = 12.06cm

tooth depth = 12.7mm

material: polycarbonate or PTFE-coated aluminum*.

*To specify teflon-coated aluminum add "TF" to end of cat. #.

Cat. #	comb type polycarbonate or PTFE-coated aluminum	# of teeth	thickness of teeth (mm)	width of teeth (mm)	maximum loading volume/well (μl)*
SGC14-1010	adjustable	10	1.0	9.2	88
SGC14-1012	adjustable	12	1.0	7.8	74
SGC14-1016	adjustable	16	1.0	5.3	51
SGC14-1020	adjustable	20	1.0	4.5	43
SGC14-1026	adjustable	26	1.0	3.1	30
SGC14-1027*	adjustable	27	1.0	2.93	28
SGC14-1510	adjustable	10	1.5	9.2	131
SGC14-1512	adjustable	12	1.5	7.8	111
SGC14-1516	adjustable	16	1.5	5.3	76
SGC14-1520	adjustable	20	1.5	4.5	64
SGC14-1526	adjustable	26	1.5	3.1	44
SGC14-1527*	adjustable	27	1.5	2.93	42
SGC14-2010	adjustable	10	2.0	9.2	175
SGC14-2012	adjustable	12	2.0	7.8	149
SGC14-2016	adjustable	16	2.0	5.3	101
SGC14-2020	adjustable	20	2.0	4.5	86
SGC14-2026	adjustable	26	2.0	3.1	59
SGC14-2027*	adjustable	27	2.0	2.93	56
SGC14-3010	adjustable	10	3.0	9.2	263
SGC14-3012	adjustable	12	3.0	7.8	223
SGC14-3016	adjustable	16	3.0	5.3	151
SGC14-3020	adjustable	20	3.0	4.5	128
SGC14-3026	adjustable	26	3.0	3.1	89
SGC14-3027*	adjustable	27	3.0	2.93	83

* multi-channel pipettor compatible

Ordering Information

Cat. #	ITEM
WSGE-014	Flexicast Horizontal System , 14cm wide, CE, Gel bed dimensions 14cm(w) x 20cm(l). Includes 4 gel trays, 2 combs and Continuously Adjustable Horizontal Gel Caster. Specify combs from list at left.
WMGE-600	Flexicast Midi-Horizontal System , 14cm wide, CE, Gel bed dimensions 14cm(w) x 16cm(l). Includes 3 gel trays, 2 combs and Continuously Adjustable Horizontal Gel Caster. Specify combs from list at left.
WGT-1408	Additional Winged Gel tray , 14cm(w) x 8cm(l), UV transparent. 2 slots with pathlengths of 2.6cm/slot.
WGT-1412	Additional Winged Gel tray , 14cm(w) x 12cm(l), UV transparent. 2 slots with pathlengths of 3.5cm/slot.
WGT-1416	Additional Winged Gel tray , 14cm(w) x 16cm(l), UV transparent. 4 slots with pathlengths of 3.0cm/slot.
WGT-1420	Additional Winged Gel tray , 14cm(w) x 20cm(l), UV transparent. 6 slots with pathlengths of 2.6cm/slot.
ACGT-16520	Additional Continuously Adjustable Gel Caster , fits all four WGT-14 gel trays (listed above).

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