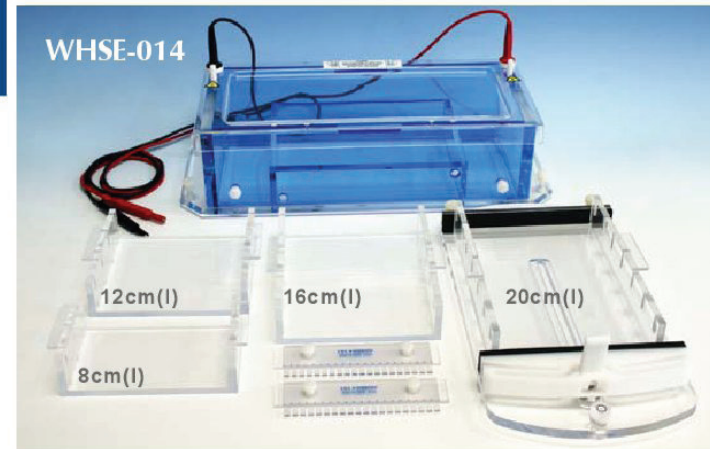
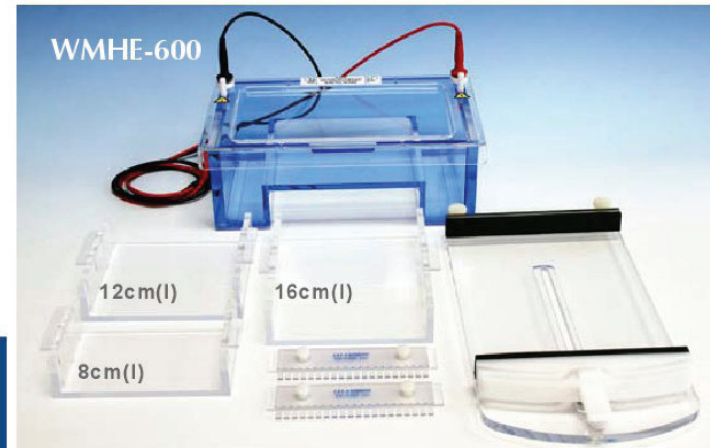


Flexicast Horizontal Systems

One Unit, multiple gel tray lengths and Adjustable Gel Caster



Flexicast Horizontal "3 in 1"

WMHE-600

Complete System

- Flexicast Midi-Horizontal Unit with gel bed dimensions of 14cm (w) x 16cm (l), interlocking safety cover with thread-on power leads.
- 3 different length winged gels trays:
 - 14cm(w) x 8cm
 - 14cm(w) x 12cm
 - 14cm(w) x 16cm
- Continuously Adjustable Gel Caster
- Platinum electrode cassettes
- 2 adjustable height polycarbonate combs


Flexicast Horizontal "4 in 1"

WHSE-014

Complete System

- Flexicast Horizontal Unit with gel bed dimensions of 14cm (w) x 20cm (l), internal cooling chamber, buffer circulation ports, interlocking safety cover with thread-on power leads.
- 4 different length 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
- Platinum electrode cassettes
- 2 adjustable height polycarbonate combs

FEATURES

- **Removable Electrode Cassette Design**


Platinum electrode cassettes provide rapid sample velocity and clear focused bands without smearing. These cassettes are easily removed for cleaning or replacement.
- High quality, heavy duty construction, 3 year warranty with vast array of accessory options.
- **Gel Tray Specifications:**
 - 1) All gel trays are winged for easy handling - no more sticking fingers into slippery buffer to extract gel tray.
 - 2) Made from sturdy 6.4mm thick UV transparent acrylic.
 - 3) Grooves in gel tray corners create agarose anchors to prevent gel flotation during electrophoresis.
 - 4) Gel tray configuration allows single run or multiple simultaneous short runs. (See Gel Tray Profiles).
- Save on agarose expense by selecting the appropriate length gel tray for the application desired.
- Continuously Adjustable Caster is easy to use and adaptable to any gel tray between $\leq 16\text{cm}(w)$ and from 8-20cm(l). The gel tray friction fits between 2 rubber gaskets using a finger cam.
- Combs are printed with catalog # and thickness for easy identification.
- Adjustable height polycarbonate (standard with unit) or PTFE-coated aluminum combs are available in many configurations, with or without markers. PTFE-coated combs allow faster well formation as no wells are lost when using low percentage or low melt agarose.
- Buffer recirculation ports allow maintenance of uniform pH and ionic strength during long runs in WHSE-014.
- Coolant can be recirculated beneath gel bed to provide constant temperature runs in the "4-in-1" WHSE-014

APPLICATIONS

- Separation and identification of DNA fragments, RNA fragments, PCR products and synthetic oligonucleotides

Continuously Adjustable Gel Caster

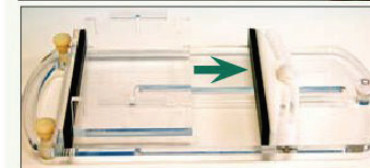
Continuously Adjustable Caster, cat. # ACGT-16520, is easy to use and fits all 4 gel trays included in the Flexicast Systems. This Caster is adaptable to any gel tray between $\leq 16\text{cm}(w)$ and from 8-20cm(l). The gel tray friction fits between 2 rubber gaskets using a finger cam. See page 54 for complete description.



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

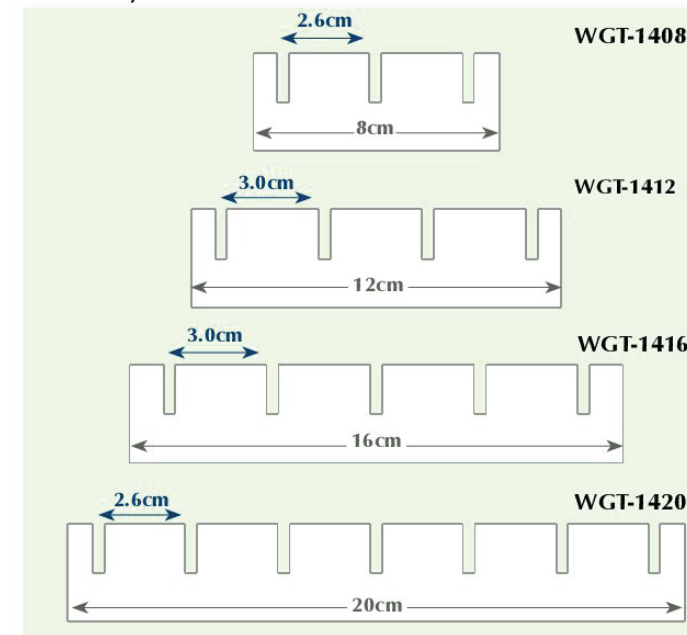


2. Friction fit gel tray into place and move finger cam into vertical position. Pour gel.



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

Gel Tray Profiles



COMB OPTIONS, 14cm wide				
adjustable height, printed with catalog # and thickness				
material: Polycarbonate or PTFE-coated aluminum*				
tooth depth: 12.7mm, overall length: 12.06cm				
Cat. #	# of Teeth	Thickness of Teeth (mm)	Width of Teeth (mm)	Recommended Max. Sample Vol./Well (µl)*
SGC14-1010	10	1.0	9.2	88
SGC14-1012	12	1.0	7.8	74
SGC14-1013*	13	1.0	6.6	63
SGC14-1016	16	1.0	5.3	51
SGC14-1020	20	1.0	4.5	43
SGC14-1026	26	1.0	3.1	30
SGC14-1027*	27	1.0	2.93	28
SGC14-1510	10	1.5	9.2	131
SGC14-1512	12	1.5	7.8	111
SGC14-1513*	13	1.5	6.6	94
SGC14-1516	16	1.5	5.3	76
SGC14-1520	20	1.5	4.5	64
SGC14-1526	26	1.5	3.1	44
SGC14-1527*	27	1.5	2.93	42
SGC14-2010	10	2.0	9.2	175
SGC14-2012	12	2.0	7.8	149
SGC14-2013*	13	2.0	6.6	126
SGC14-2016	16	2.0	5.3	101
SGC14-2020	20	2.0	4.5	86
SGC14-2026	26	2.0	3.1	59
SGC14-2027*	27	2.0	2.93	56
SGC14-3010	10	3.0	9.2	263
SGC14-3012	12	3.0	7.8	223
SGC14-3013*	13	3.0	6.6	189
SGC14-3016	16	3.0	5.3	151
SGC14-3020	20	3.0	4.5	128
SGC14-3026	26	3.0	3.1	89
SGC14-3027*	27	3.0	2.93	83

*Multi-channel pipettor compatible. Refer to microtitre loading diagram on page 51.

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

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

SPECIFICATIONS

Horizontal System Cat. #	Overall Dimensions W x L x H (cm)	Gel Bed Size W x L (cm)	Buffer Volume (ml)	Compatible Gel Trays	Gel Tray I.D. W x L (cm)	Agarose Solution Required* (ml)	# of Slots in Gel Tray	Pathlength/Slot (cm)	Maximum # of Samples
WMHE-600	16.7 x 27.5 x 14	14 x 16	750	WGT-1408	12.7 x 8	50	2	2.6	54
				WGT-1412	12.7 x 12	75	3	3.0	81
				WGT-1416	12.7 x 16	100	4	2.6	108
WHSE-014	15 x 38 x 10	14 x 20	1600	WGT-1408	12.7 x 8	50	2	2.6	54
				WGT-1412	12.7 x 12	75	3	3.0	81
				WGT-1416	12.7 x 16	100	4	3.0	108
				WGT-1420	12.7 x 20	127	6	2.6	162

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

ORDERING INFORMATION

CAT. #	DESCRIPTION
FLEXICAST SYSTEMS*	
WMHE-600	Flexicast Midi-Horizontal, CE , maximum gel bed dimensions 14cm(w) x 16cm(l)
WHSE-014	Flexicast Horizontal, CE , maximum gel bed dimensions 14cm(w) x 20cm(l)
Related Products	
AGCT-16520	Additional Continuously Adjustable Gel Caster, fits gel trays $\leq 16\text{cm}(w)$ and from 8-20cm(l)
WGT-1408	Replacement Winged Gel Tray, UVT, 14cm(w) x 8cm(l)
WGT-1412	Replacement Winged Gel Tray, UVT, 14cm(w) x 12cm(l)
WGT-1416	Replacement Winged Gel Tray, UVT, 14cm(w) x 16cm(l)
WGT-1420	Replacement Winged Gel Tray, UVT, 14cm(w) x 20cm(l)
EPS-300 X	Power Supply, CE , 1-300V, 1-500mA

HORIZONTALS

HORIZONTALS