One Unit, multiple gel tray lengths and Adjustable Gel Caster

WMGE-600

12cm(l)   16cm(l)

8cm(l)
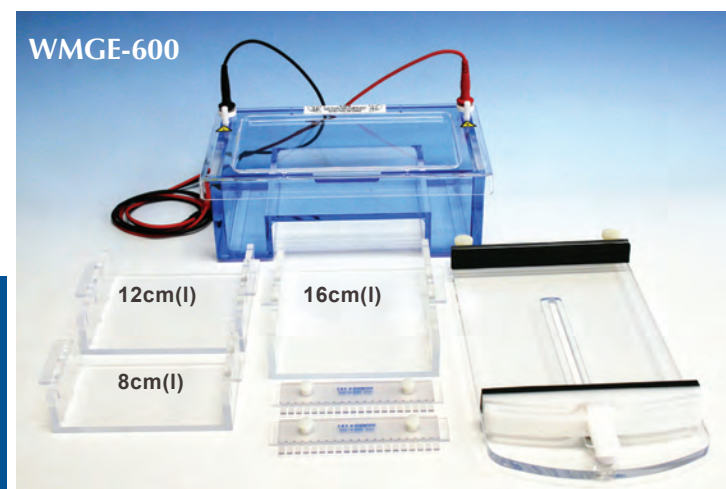
Flexicast Horizontal "3 in 1"
WMGE-600
Complete System
- Flexicast Midi-Horizontal Unit with gel bed dimensions of 14cm (w) x 16cm (l), safety cover and power leads.
- 3 different length winged gels trays:
  - 14cm(w) x 8cm
  - 14cm(w) x 12cm
  - 14cm(w) x 16cm
- Continuously Adjustable Gel Caster
- Platinum electrodes
- 2 adjustable height polycarbonate combs

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

FEATURES
- **Gel Tray Specifications:**
  1) All gel trays are winged for easy handling
  2) Gel trays are 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.
- Continuously Adjustable Caster is easy to use and adaptable to any gel tray between ≤14cm(w) and from 8-16cm(l). The gel tray friction fits between 2 rubber gaskets using a finger cam.
- Combs are printed with catalog # and thickness for easy identification.
- Removable Platinum electrode cassettes. Cassettes are easily removed for cleaning or replacement.

### 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 ≤ 14cm(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.
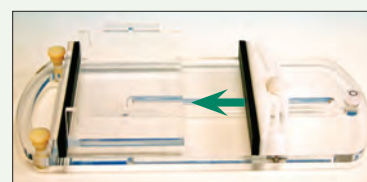
1. Place gel tray against stationary gasket and with finger cam in horizontal position slide gate to meet gel tray.
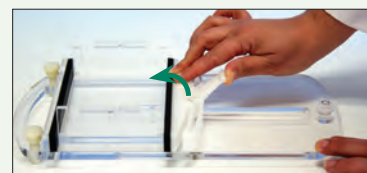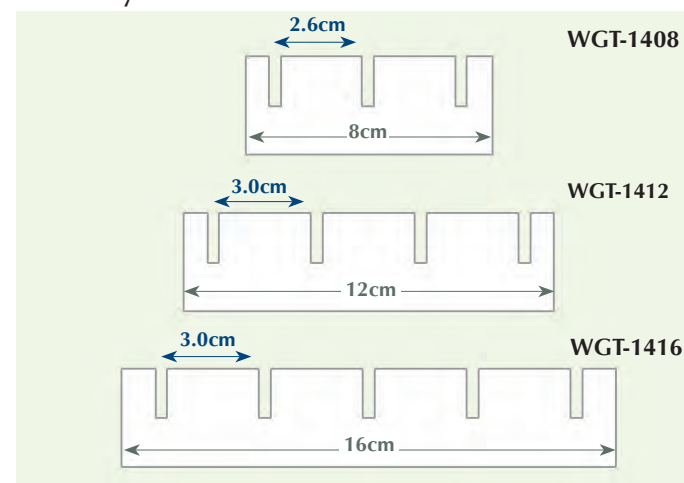
2. Friction fit gel tray into place and move finger cam into vertical position. Pour gel.
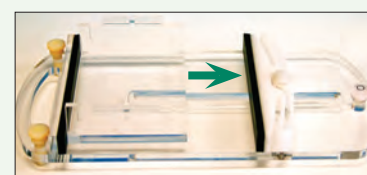
3. After agarose has cooled, return finger cam to horizontal position and slide gate away.

Gel Tray Profiles

2.6cm   WGT-1408
8cm

3.0cm   WGT-1412
12cm

3.0cm   WGT-1416
16cm

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
SGC14-1016	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
SGC14-1516	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
SGC14-2016	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
SGC14-3016	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
WMGE-600	16.7 x 27.5 x 14	20 x 20	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

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

ORDERING INFORMATION

CAT. #	DESCRIPTION
FLEXICAST SYSTEMS*	
WMGE-600	**Flexicast Midi-Horizontal, CE,** maximum gel bed dimensions 14cm(w) x 16cm(l)
Related Products	
AGCT-16520	Additional Continuously Adjustable Gel Caster, fits gel trays ≤ 14cm(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)
EPS-300 X	**Power Supply, CE,** 10-300V, 4-500mA