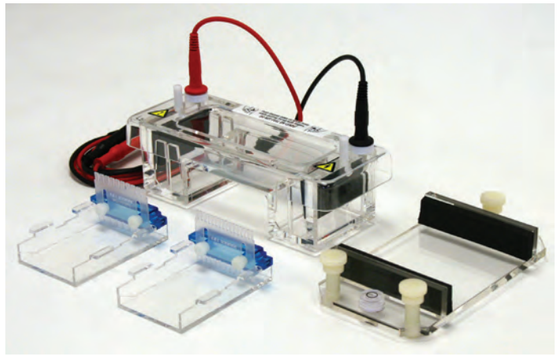
Productivity Package Option allows casting a second gel while the first is running for increased efficiency



Productivity Package GCMHU-202

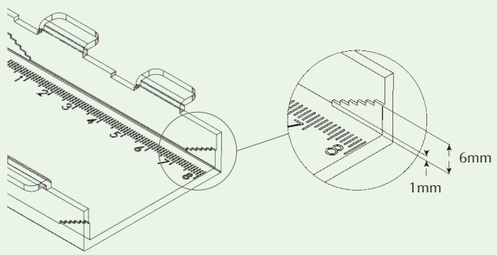
Mini-Horizontal Productivity Package Option
GCMHU-202T

Complete Package:
- Electrophoresis unit with molded tapered baffles
- 2 UV transparent winged gel trays with 2 comb position slots
- UV transparent acrylic gel bed
- 2 dual-sided adjustable height combs
- Safety cover with power leads
- Platinum electrodes
- External gel caster with leveling base

Standard Mini-Horizontal Kit
MHU-202T

Complete Package:
- Electrophoresis unit with molded tapered baffles
- 1 UV transparent winged gel tray with 2 comb position slots
- UV transparent acrylic gel bed
- 1 dual-sided or standard adjustable height comb
- Safety cover with power leads
- Platinum electrodes

Mini-Gel tray features:
1) Etched migration ruler on base.
2) 1mm calibrated gel anchors on all 4 corners. Each 1mm step adds 7.4ml (MHU-202) of agarose.
3) Two comb slots allows choice of one longer pathlength or two shorter pathlengths.
4) Winged for easy handling



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

FEATURES
- Gel bed size: 7.5cm(w) x 10cm(l)
- All gel trays are winged for easy handling.
- Productivity option allows casting a second gel while the first is running. The addition of the external gel caster and additional gel tray allows the researcher to use time more efficiently.
- Tapered baffles allow easy in situ gel formation with or without gel tray.
- Run up to 32 samples per gel.
- Choice of double-sided adjustable height combs gives researcher more options.
- Combs are printed with catalog number and thickness for easy identification.
- Removable Platinum electrode cassettes. Cassettes are easily removed for for cleaning or replacement.

STANDARD COMB OPTIONS for 7.5cm wide for GCMGU-202T and MGU-202T, , adjustable height
material: Polycarbonate or PTFE-coated aluminum*
tooth depth: 6.35mm
overall length: 7.0cm

Cat. #	# of Teeth	Thickness of Teeth (mm)	Width of Teeth (mm)	Recommended Max. Sample Vol./ Well (µl)*
MHC-1001	1	1.0	69.8	332
MHC-1003E	3 equal	1.0	22.2	106
MHC-1003M	2 +	1.0	30.6	146
	marker	1.0	3.29	16
MHC-1005	5	1.0	12.6	60
MHC-1008	8	1.0	7.3	35
MHC-1010	10	1.0	5.5	26
MHC-1012	12	1.0	4.3	20
MHC-1014	14	1.0	3.5	17
MHC-1016	16	1.0	2.8	13
MHC-2001	1	2.0	69.8	665
MHC-2003E	3 equal	2.0	22.2	212
MHC-2003M	2 +	2.0	30.6	292
	marker	2.0	3.29	31
MHC-2005	5	2.0	12.6	120
MHC-2008	8	2.0	7.3	69
MHC-2010	10	2.0	5.5	51
MHC-2012	12	2.0	4.3	41
MHC-2014	14	2.0	3.5	33
MHC-2016	16	2.0	2.8	26

DUAL-SIDED COMB OPTIONS for 7.5cm wide GCMGU-202T and MGU-202T, adjustable height
material: Polycarbonate or PTFE-coated aluminum*
tooth depth: 6.35mm
overall length: 7.0cm

Cat. #	# of Teeth	Thickness of Teeth (mm)	Width of Teeth (mm)	Recommended Max. Sample Vol./ Well (µl)*
MHC-10-1014	10/14	1.0	5.5/3.5	26/17
MHC-10-0816	8/16	1.0	7.3/2.8	35/13
MHC-15-1014	10/14	1.5	5.5/3.5	38/25
MHC-15-0816	8/16	1.5	7.3/2.8	52/19
MHC-20-1014	10/14	2.0	5.5/3.5	51/33
MHC-20-0816	8/16	2.0	7.3/2.8	69/26

**Multi-channel pipettor compatible*
**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 Dimension W x L x H (cm)	Gel Bed Size W x L (cm)	Buffer Volume (ml)	Compatible Gel Tray	Gel Tray I.D. W x L (cm)	Agarose Solution Required* (ml)	# of Slots in Gel Tray	Pathlength/ Slot (cm)	Maximum # of Samples
GCMHU-202, MHU-202	17 x 19.7 x 12.7	7.5 x 10	250	MGT-222	7.2 x 10	36	2	5.5	32

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

ORDERING INFORMATION

CAT. #	DESCRIPTION
MINI-HORIZONTAL SYSTEMS*	
GCMHU-202	**Mini-Horizontal Productivity Package, CE,** gel dimension 7.5cm(w) x 10cm(l)
MHU-202	**Standard Mini-Horizontal Kit, CE,** gel dimension 7.5cm(w) x 10cm(l)
Related Products	
WGT-222	Replacement Winged Gel Tray, UVT for MHU-202T or GCMHU-202T
GCT-201	External Gel Caster, fits 1 WGT-222 Winged Gel Tray
EPS-300 X	**Power Supply, CE,** 10-300V, 4-500mA

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