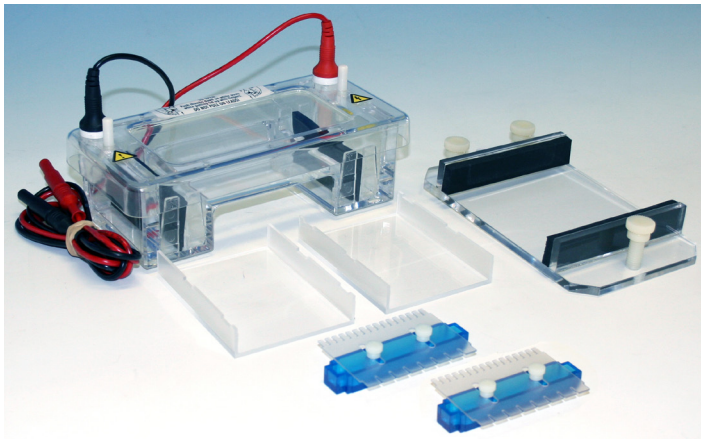


**Cast a second gel while the first is running for increased productivity and efficiency!**

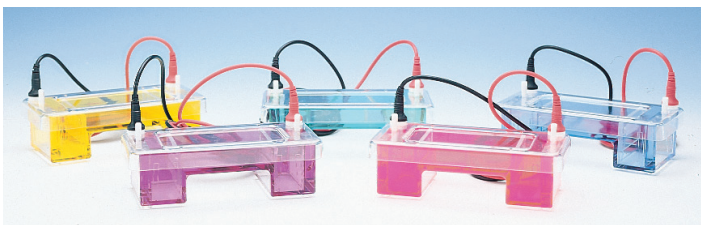


## APPLICATIONS

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

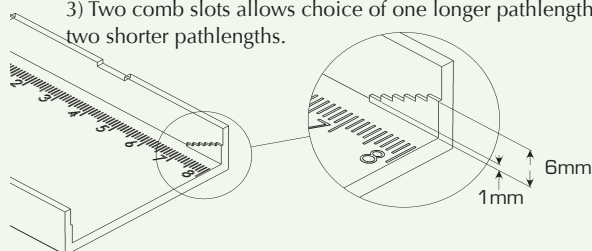
## FEATURES

- 2 sizes to choose from:
  - 5.5cm(w) x 8.5cm(l)
  - 7.5cm(w) x 10cm(l)
- Cast 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 2 double-sided adjustable height combs gives researcher more options.
- Optional PTFE-coated aluminum combs for accelerated well formation.
- Horizontal Mini-Gel Systems are available in five vivid colors; green, yellow, purple, blue or fluorescent pink. These color-coded horizontal systems (pictured below) are recommended to differentiate exclusive use by a specific lab or for a specific purpose. For example, pink color-coded mini-gels can be assigned for a specific use such as, "RNA ONLY".



### Mini-Gel tray features:

- 1) Etched migration ruler on base.
- 2) 1mm calibrated gel anchors on all 4 corners. Each 1mm step adds 4.7ml (MGU-102) or 7.4ml (MGU-202) of agarose.
- 3) Two comb slots allows choice of one longer pathlength or two shorter pathlengths.



## Mini-Horizontal Productivity Package

GCMGU-102T, GCMGU-202T

Complete Package:

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

### COMB OPTIONS for 5.5cm wide GCMGU-102T

tooth depth = 6.35, overall length = 5cm

material: polycarbonate or PTFE-coated aluminum

Cat. #	comb type	# of teeth	thickness of teeth (mm)	width of teeth (mm)	maximum loading volume/well (μl)*
MGC-10-0810	dual-sided	8/10	1.0	4.77/3.5	23/17
MGC-10-1216	dual-sided	12/16	1.0	2.6/1.6	12/8
MGC-15-0810	dual sided	8/10	1.5	4.77/3.5	34/25
MGC-15-1216	dual sided	12/16	1.5	2.6/1.6	18/11
MGC-20-0810	dual sided	8/10	2.0	4.77/3.5	45/33
MGC-20-1216	dual sided	12/16	2.0	2.6/1.6	24/15

### COMB OPTIONS for 7.5cm wide GCMGU-202T

tooth depth = 6.35mm, overall length = 7cm

material: polycarbonate or PTFE-coated aluminum

Cat. #	comb type	# of teeth	thickness of teeth (mm)	width of teeth (mm)	maximum loading volume/well (μl)*
MHC-10-1014	dual-sided	10/14	1.0	5.5/3.5	26/17
MHC-10-0816	dual-sided	8/16	1.0	7.3/2.8	35/13
MHC-15-1014	dual sided	10/14	1.5	5.5/3.5	38/25
MHC-15-0816	dual sided	8/16	1.5	7.3/2.8	52/19
MHC-20-1014	dual sided	10/14	2.0	5.5/3.5	51/33
MHC-20-0816	dual sided	8/16	2.0	7.3/2.8	69/26

\* the maximum loading volume for horizontal gel combs is calculated by taking 75% of the total tooth volume.

## ORDERING INFORMATION

### MINI-HORIZONTAL PRODUCTIVITY PACKAGES

Cat.#	Description
GCMGU-102T	Horizontal Mini-Gel Productivity Package, CE, gel bed dimensions 5.5cm(w) x 8.5cm(l)
GCMGU-202T	Horizontal Mini-Gel Productivity Package, CE, gel bed dimensions 7.5cm(w) x 10cm(l)

*Color-Coded Option:* To specify color add the following color code to the end of the catalog #: -Y (Yellow), -P (Purple), -B (Blue), -PK (Pink), or -G (Green).

Note: Mini-Horizontals are clear unless otherwise specified.

### REPLACEMENT PARTS

Cat.#	Description
MGT-122	Gel tray for GCMGU-102T, 5.5cm(w) x 8.5cm(l), UV transparent. 2 slots with pathlengths of 3.5cm/slot.
MGT-222	Gel tray for GCMGU-202T, 7.5cm(w) x 10cm(l), UV transparent. 2 slots with pathlengths of 4.0cm/slot.