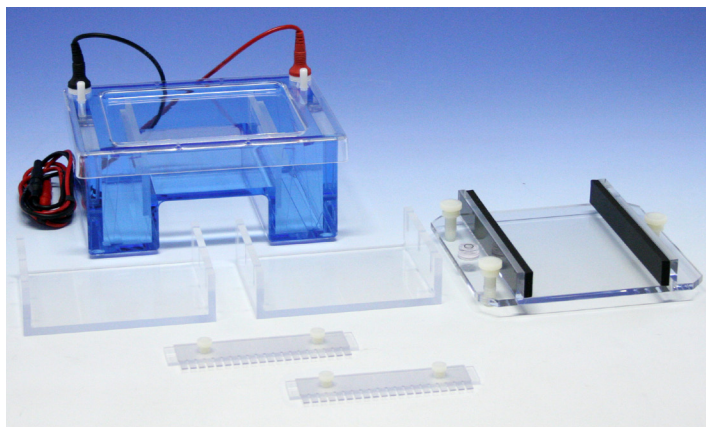


**Cast a second gel while the first is running for increased productivity and efficiency!**

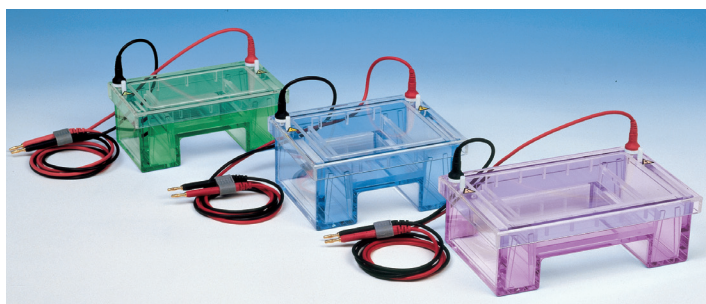


## APPLICATIONS

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

## FEATURES

- 3 sizes to choose from:
  - 10.5cm(w) x 11cm(l)
  - 14cm(w) x 10cm(l)
  - 14cm(w) x 16cm(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.
- Run up to 36 samples per gel with MGU-402, up to 54 samples per gel with MGU-502 & up to 108 samples per gel (a full microtitre plate) with MGU-602.
- Tapered baffles allow easy in situ gel formation with or without gel tray.
- Horizontal Midi-Gels are available in five vivid colors; green, yellow, purple, blue or fluorescent pink. These color-coded horizontal systems are recommended to differentiate exclusive use by a specific lab or for a specific purpose.



### COMB OPTIONS for MGU-402T overall length = 8.73cm

Cat. #	tooth depth (mm)	# of teeth	thickness of teeth (mm)	width of tooth (mm)	maximum loading volume/well (µl)*
MBU-1005	12.7	5	1.0	16.2	153
MBU-1010*	12.7	10	1.0	7.47	71
MBU-1012	12.7	12	1.0	5.83	56
MBU-1018	12.7	18	1.0	3.37	32
MBU-1505	12.7	5	1.5	16.2	231
MBU-1510*	12.7	10	1.5	7.47	106
MBU-1512	12.7	12	1.5	5.83	83
MBU-1518	12.7	18	1.5	16.2	48

### Midi-Horizontal Productivity Package

GCMGU-402T, GCMGU-502T, GCMGU-602T  
Complete Package:

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

### COMB OPTIONS for MGU-502T & MGU-602T

overall length = 12.06cm

Cat. #	tooth depth (mm)	# of teeth	thickness of teeth (mm)	width of tooth (mm)	maximum loading volume/well (µl)*
SGC14-1010	12.7	10	1.0	9.2	88
SGC14-1016	12.7	16	1.0	5.3	51
SGC14-1020	12.7	20	1.0	4.5	43
SGC14-1026	12.7	26	1.0	3.1	30
SGC14-1027*	12.7	27	1.0	2.93	28
SGC14-1510	12.7	10	1.5	9.2	131
SGC14-1516	12.7	16	1.5	5.83	76
SGC14-1520	12.7	20	1.5	4.5	64
SGC14-1526	12.7	26	1.5	3.1	44
SGC14-1527*	12.7	27	1.5	2.93	42
SGC14-2010	12.7	10	2.0	9.2	175
SGC14-2016	12.7	16	2.0	5.3	101
SGC14-2020	12.7	20	2.0	4.5	86
SGC14-2026	12.7	26	2.0	3.1	59
SGC14-2027*	12.7	27	2.0	2.93	56

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

\* multi-channel pipettor compatible

## ORDERING INFORMATION

### MINI-HORIZONTAL PRODUCTIVITY PACKAGES

Cat.#	Description
GCMGU-402T	Horizontal Mini-Gel Productivity Package, CE, gel bed dimensions 10.5cm(w) x 11cm(l)
GCMGU-502T	Horizontal Mini-Gel Productivity Package, CE, gel bed dimensions 14cm(w) x 10cm(l)
GCMGU-602T	Horizontal Mini-Gel Productivity Package, CE, gel bed dimensions 14cm(w) x 16cm(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-400	Gel tray for GCMGU-402T, 10.5cm(w) x 11cm(l), UV transparent. 2 slots with pathlengths of 4.0cm/slot.
MGT-500	Gel tray for GCMGU-502T, 14cm(w) x 10cm(l), UV transparent. 2 slots with pathlengths of 3.5cm/slot.
MGT-600	Gel tray for GCMGU-602T, 14cm(w) x 16cm(l), UV transparent. 4 slots with pathlengths of 3.0cm/slot.