

## Vertical Gel Electrophoresis Systems

Bangalore Genei offers a complete range of vertical slab gel electrophoresis systems, suitable for a wide variety of modern electrophoretic techniques. The MINI model answers the demand for small, conventional electrophoresis unit for fast, high resolution protein separations in 8 x 7 cm gel. The REGULAR model is used for electrophoresis in 16 x 14 cm gel. The DUAL models are versatile ones for running two gels, under similar conditions simultaneously. Gels can be cast in three different thickness with the GEL CASTING UNIT, available for both MINI or REGULAR and DUAL models.

### Mini Gel System (Cat # 106680)

**Description:** For one 8 x 7 cm gel, Basic unit (includes spirit level) (1 No.), rubber gasket fixed (1 No.), platinum electrode assembly removable (2 Nos.), glass plates-notched & rectangular (2 sets), 7 well teflon comb 0.5 mm (1 No.), 1.00 mm (1 No.) & 1.5 mm (1 No.), Teflon spacers 0.5 mm (2 Nos.), 1.00 mm (2 Nos.), 1.5 mm (2 Nos.), clamp and screws (1 set), levelling screws (3 Nos.), lid (1 No.), connecting cord (2 Nos.) and instruction manual.

### Dual Mini Gel System (Cat # 106724)

**Description:** For two 8 x 7 cm gels with provision for water circulation. Basic Unit includes anode chamber - a large buffer reservoir (1 No.), cathode chamber - a small reservoir cum heat exchanger (1 No.) to which rubber gaskets (2 Nos.) and platinum electrodes (2 Nos.) are fixed centrally. Glass plates notched and rectangular (2 sets), 7 well Teflon combs 0.5 mm (2 Nos.) and 1.00 mm (2 Nos.), Teflon spacers 0.5 mm (4 Nos.) and 1.00 mm (2 Nos.), clamp and screws (2 sets), lid (1 No.), connecting cord (2 Nos.) and instruction manual.

### Gel Multicaster (for 2 gels)

This system allows simple, leak proof filling of gels from top. It can cast upto two 8x7 (Cat # 106683) or 16x14 (Cat # 106728) gels. It has solid acrylic construction, with easy replaceable silicone seals. However this system needs slightly more gel for casting. Capillary method is used to cast the gel. Separation sheets allow easy separation of the gels after casting.

### Midi Gel System (Cat # 106725)

**Description:** For one 16 x 14 cm gel. Basic unit (1 No.) includes spirit level (1 No.), rubber gasket (1 No.) fixed, platinum electrode assembly removable (2 Nos.), glass plates notched and rectangular (2 sets), 13 well Teflon comb 0.5 mm (1 No.) 1 mm (1 No.) and 1.5 mm (1 No.), Teflon spacers 0.5 mm (2 Nos.) and 1 mm (2 Nos.), 1.5 mm (2 Nos.), clamp and screws (2 sets), levelling screws (3 Nos.), lid (1 No.), connecting cord (2 Nos.) and instruction manual.

### Dual Midi Gel System (Cat # 106782)

**Description:** For two 16 x 14 cm gels with provision for water circulation, Basic unit includes anode chamber - large buffer reservoir to fully enclose the gel plates (1 No.), cathode chamber - a small reservoir cum heat exchanger (1 No.) to which rubber gasket (2 Nos.) platinum electrodes-cathode and anode fixed centrally (2 Nos.), glass plates notched and rectangular (2 sets), 13 well teflon combs 0.5 mm (2 Nos.), 1.00 mm (2 Nos.), Teflon spacers 0.5 mm (4 Nos.) and 1 mm (4 Nos.), acrylic clamps and screws (4 sets), connecting cord (2 Nos.), lid (1 No.) and instruction manual.

### Maxi Gel System (Cat # 106783)

**Description:** For one 16 x 20 cm gel. Basic unit (includes spirit level) (1 No), Rubber gasket fixed (1), Platinum Electrodes assembly removable (2 Nos.), glass plates notched and rectangular (2 sets), 20-well Teflon comb 1.00 mm (2 Nos), Teflon spacers 1.00 mm (6 Nos.), Clamps & Screws (2 sets), Levelling screws (3 Nos.), and lid (1 No.), connecting cord (2 Nos.).

### Dual Maxi Gel System (Cat # 106784)

**Description:** For two 16 x 20 cm gels with provision for water circulation. Basic unit includes anode and cathode chamber cum heat exchanger (1 No.), rubber gasket fixed (2 Nos.), Platinum electrodes anode and cathode fixed centrally (2 Nos.), Glass plates notched and rectangular (2 sets), 20-well Teflon comb 1.00 mm (2 Nos.), Teflon spacers (6 Nos.), Acrylic clamps and screws (4 sets), Levelling screws (3 Nos.), lid (1 No.), and connecting cord (2 Nos.).

### Vertical Extra Large System (Cat # 107946)

**Description:** For one 40 x 20 cm gel. Basic unit with platinum Electrodes (2 Nos.), Glass plates notched and rectangular (2 sets), 80-Well Shark tooth comb 0-50 mm (1 No.), 80-Well Rectangular comb 0-50 mm (1 No.), Spacers 0-50 mm (6 Nos.), Metal clips (6 Nos.), Levelling Screws (3 Nos.), Spirit Level Fixed (1 No.), Connecting cord (1 No.).

**Accessories:** Please refer to the ordering information.