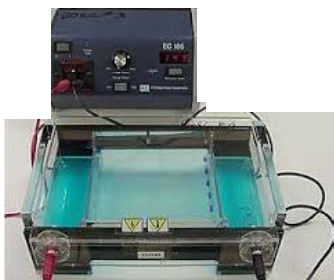


ISO 9001-2015, WHO, FDA,
European CE Nottified &
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Nottified



ASE-217



ASE-226

ASE-217 Paper Electrophoresis Apparatus ALPHATM

Paper Electrophoresis Apparatus (Horizontal Migration Cell) is made of transparent, inert acrylic plastic sheet. It has suitable for Horizontal Electrophoresis. Platinum electrodes of 99.9% purity extend through the entire width of the buffer compartment. The cover/lid is of a special Pyramid type design so as to seal the central chamber and maintain special Pyramid type design so as to seal the central chamber and maintain a high humid atmosphere, besides it also vents the electrodes chamber. The unit is fitted with electrode terminals.

It can accommodate six paper strips of 4cm width or paper sheet upto 28cm width on removable special strip carrier placed on the bed of the chamber. It has got very special wide application scope for research labs engaged in the problems of :

Blood Chemistry (Protiens), Immuno Chemistry (Lipoprotiens)
Antigen (Cargo Hydrates), Anti Body Reaction (Enzymes),
Antivennoms (Venoms) etc.

OPTIONAL ACCESSORIES

- (a) Gel Cutter : Total Length 200mm but cutter length 110mm.
- (b) Gel Tray Set : Six trays made of transparent acrylic perspex sheet and having dimensions. Outer width 36mm. Inner width 20mm Length 250mm. & depth 6.5mm.
- (c) Strach Gel Tray : Made of highly polished perspex sheet with internal dimensions 150mm x 50mm.

ASE-222 Vertical Slab Gel Electrophoresis Apparatus (fixed Hight)

It is a unit made out of thick perspex sheet with fixed upper and lower buffer tanks. Complete with one comb, three spacers, one plain glass plate, one notched glass plate, clamps, electrode terminals and Platinum electrodes of 99.9% purity.

- (b) -do- but with Adjustable Height with stainless steel rods and all above accessories.

ASE-226 Electrophoresis Power Supply (Constant Voltage Constant Current Mode) ALPHATM

This well designed and robust power supply unit has been introduced to provide constant current or constant voltage as desired irrespective of mains fluctuations and various in paper resistance. It is a compact assemble, including a mains transformer, full wave rectifier and smoothing condensor operating directly on 220/230 volts A.C. mains. The unstablized rectified voltage is fed to an electronic amplifier and compared with an internal reference voltage source. The output of the amplifier and compared with an internal reference voltage source. The output of the amplifier is stabilized voltage. It will deliver a current of any value between 1-100MA (500 Volts Max.) in constant voltage mode. The range control potentiometer makes the output adjustable over the entire range of the unit. It is fitted with separate meters for voltage and current. It has line and load regulation $\pm 0.5\%$ and ripple less than 10 mV. All supplies are short circuit and overload protected.

- (a) Range 0-500 volts and 0-100 mA (With Two digital Meters)

Manufactured By : SUDARSHAN CHEMICALS India 324007 0744-2362345, 09414188018

CE, ISO 9001:2015, WHO, FDA & ISO-13485 CERTIFIED
With first prize awarded at Haroti Udyog Mela year 2003

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ASE-217



ASE-220



ASE-226

ASE-217 Paper Chromatography Apparatus ALPHATM

Paper **Chromatography** Apparatus (Horizontal Migration Cell) is made of transparent, inert acrylic plastic sheet. It has suitable for Horizontal Electrophoresis. Platinum electrodes of 99.9% purity extend through the entire width of the buffer compartment. The cover/lid is of a special Pyramid type design so as to seal the central chamber and maintain special Pyramid type design so as to seal the central chamber and maintain a high humid atmosphere, besides it also vents the electrodes chamber. The unit is fitted with electrode terminals.

It can accommodate six paper strips of 4cm width or paper sheet upto 28cm width on removable special strip carrier placed on the bed of the chamber. It has got very special wide application scope for research labs engaged in the problems of :

Blood Chemistry (Protiens), Immuno Chemistry (Lipoprotiens)
Antigen (Cargo Hydrates), Anti Body Reaction (Enzymes),
Antivennoms (Venoms) etc.

OPTIONAL ACCESSORIES

- (a) Gel Cutter : Total Length 200mm but cutter length 110mm.
- (b) Gel Tray Set : trays made of transparent acrylic perspex sheet and having dimensions. Outer width 36mm. Inner width 20mm Length 250mm. & depth 6.5mm.
- (c) Strach Gel Tray : Made of highly polished perspex sheet with internal dimensions 150mm x 50mm.

ASE-220 Thin Layer Chromatography ALPHATM

It is a unit made out of thick perspex sheet with fixed upper and lower buffer tanks. Complete with one comb, three spacers, one plain glass plate, one notched glass plate, clamps, electrode terminals and Platinum electrodes of 99.9% purity.

Chromatographic glass/Acrylic chamber for thin layer chromatography
Standard tank with lid chamber Approx 270mm L x 60mm W x 220mm H
Accommodate standard 200 x 200mm TLC plates

ASE-226 Electrophoresis Power Supply (Constant Voltage Constant Current Mode) ALPHATM

This well designed and robust power supply unit has been introduced to provide constant current or constant voltage as desired irrespective of mains fluctuations and various in paper resistance. It is a compact assemble, including a mains transformer, full wave rectifier and smoothing condensor operating directly on 220/230 volts A.C. mains. The unstablized rectified voltage is fed to an electronic amplifier and compared with an internal reference voltage source. The output of the amplifier and compared with an internal reference voltage source. The output of the amplifier is stabilized voltage. It will deliver a current of any value between 1-100MA (500 Volts Max.) in constant voltage mode. The range control potentiometer makes the output adjustable over the entire range of the unit. It is fitted with separate meters for voltage and current. It has line and load regulation $\pm 0.5\%$ and ripple less than 10 mV. All supplies are short circuit and overload protected.

- (a) Range 0-500 volts and 0-100 mA (With Two digital Meters)

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