

SPECIFICATION FOR

AGAROSE GEL ELECTROPHORESIS SYSTEM WITH POWER PACK

Qty: One ; Approx Price: 1,90,000/-

For electrophoresis apparatus

- Should have Cell size (W x L x H) 17.8 x 25.5 x 6.8 cm, and 9.2 x 25.5 x 5.6 cm
- Gel tray sizes (OD) (W x L) Should be 15 x 7 cm, 15 x 10 cm, 7 x 7 cm , 7 x 10 cm
- Should have Ready agarose gels accommodated for wide mini and 96 Plus formats, 8-, 12-, 2 x 8-well
- Should have Sample throughput around 10–60
- Should have Base buffer volume approximately ~650 ml
- Should not have Buffer recirculation
- Should have Bromophenol blue migration ~4.5 cm/hr (at 75 V)

For power pack

- Should be suitable for running horizontal and vertical electrophoresis applications.
- Should have control of constant voltage output as well as constant current output.
- Output current should be in the range 10–300 V, fully adjustable in 1 V steps 4–400 mA, fully adjustable in 1 mA steps 75 W (maximum) and timer; 1 min–99 hr 59 min, fully adjustable and crossover Output terminals 4 pair recessed banana jacks in parallel
- Manual programming of voltage, current, temporary changes to power and time parameter can be made in the power pack without interrupting the run.
- 4 or more frequently used programme should be stored in the system of power pack.
- Should include Safety compliance No-load detection; rapid resistance change detection, ground leak detection, overload/short circuit detection, overvoltage protection, over-temperature protection Input protection Fuse on hot and neutral
- Should be suitable to operate at 220 to 230 V AC, 50 to 60 Hz.
- Should have UV torch with dual Wavelength (365 and 254 nm) for gel viewing and gel rocker for gel staining
- One year comprehensive warranty for the whole system.
- Certification: ISO or equivalent
- Vendor should have service center in Delhi/NCR