

Horizontal gel electrophoresis units with power packs (Maxi, Midi and Mini)

Specifications

Mini, Midi and Maxi units:

1. Complete Set should be provided that should include base gel running unit, safety lid, at least two sets of each type of casting trays and combs.
2. Gel trays should be UV-transparent with fluorescent ruler
3. Electrodes should be easy to remove for easy cleaning
4. Should have gel-casting gates to cast gels right in the cell, should also be provided with gel caster with a feature of leak proof and tape-free casting

Specifications for gel caster and combs

Mini units: Combs sizes: 0.75 mm to 1 mm (4 to 15 wells) and 1.5 mm to 2 mm (4 to 15 wells), 2 mm to 3 mm (1 to 5 wells)

Midi units: Combs sizes: 0.75 mm to 1 mm (10 to 30 wells), 1.5 mm to 2 mm (10 to 30 wells) and preparative comb (1 to 5 wells)

Maxi units: Combs sizes: 0.75 mm to 1 mm (25 to 100 wells) and 1.5 mm to 2 mm (25 to 100 wells)

Specifications for Power Supply:

1. Power Supply should be suitable for vertical (mini and standard) and horizontal gel electrophoresis, semi-dry and mini tank blotting.
2. Constant voltage and constant current modes with automatic crossover
3. Output Voltage: Adjustable from minimum voltage 5-10V to maximum voltage 300-350V with an increment of 1 V or less
4. Output Current: up to 400/500 mA with increment of 1 mA or less
5. Output power: Maximum output power should be between 70 to 100 W
6. Should have at least 4 pairs of terminals / sockets
7. Safety: All necessary safety provisions like Over load, No load, Sudden change in load, power failure indication, Over Temperature and safe plugs and sockets
8. Input Voltage: 230V \pm 10VAC, 50Hz