

CALL FOR QUOTATIONS FOR THE FOLLOWING EQUIPMENT

THERMAL CYCLER (GRADIENT): Technical Specifications

1. Block format must include 96 x 0.2 ml tubes/strips/plates (all three).
2. Blocks must support plasticware & reagents from most common brands.
3. Maximum Block Ramp Rate should be not less than 5°C/sec.
4. Block Temperature Range should at least cover +4 °C to +99 °C.
5. Temperature Uniformity should be less than ±0.5°C well-to-well.
6. Gradient Temperature Range should at least cover 35° C to 75° C with minimum possible gradient value (° C) or step size between columns.
7. Volume range should at least cover 10-80 µl.
8. Spare parts and their prices to be provided for future reference.
9. Power cables with 220-250 V plug tops must be included.

UV-VIS SPECTROPHOTOMETER: Technical Specifications

1. Powerful light source for complete UV/Vis range (200-700 nm).
2. Wavelength accuracy ± 1 nm.
3. Optical path length of 0.030 to 1.0 mm.
4. Absorbance range of at least 0-30A for pedestal and 0-1.5A for cuvette.
5. Accessories, calibration standards and startup kit for estimation of DNA/RNA/protein.
6. Spare price list and AMC and CMC rates for post warrant period.

LAMINAR AIRFLOW: Technical Specification

1. Laminar Cabinets: 4 ft x 2 ft x 2 ft
2. Blower fitted with ¼ HP Motor and air from front.
3. Closed Inner Chamber fitted with HEPA having very accurate performance rate of air filtration, rated 99.99%, resulting in ceasing all air bore molecule of particle upto 0.3 micron in working Area of Laminar Bench.
4. Working area of Laminar Airflow Cabinets illuminated by UV light and Normal light both.
5. Fitted with Acrylic Front Door sliding type
6. Fitted with Manometer for Measurement of HEPA Filters Choking system.
7. Fitted with Cock for Gas Connection.

Double Distillation Unit: Specification

1. Boiler portion made of High Purity Electronic Grade Transparent Quartz
2. Capacity: 1-2 ltr / hr
3. Distillate Temperature: 60°C - 75°C + 5°C
4. Stages: Double Stage
5. Power Supply: 220 Volts
6. Electrical dual auto-cut-off system

Micropipette Sets (Three): Range 0.5-10 µl, 10-100 µl and 100-1000 µl.