



Ref: NCB/F-200603/2020-221 (N)

Technical Specification for Bacterial incubator

- The system should have the capacity of 120 liters \pm 5%
- The system should be microprocessor controlled Incubator It should have LCD Display with easy icons and user-friendly control system.
- Should have a Temperature Control Range: -10°C to $+60^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$
- The system Should have Temperature Uniformity of $\pm 0.5^{\circ}\text{C}$ at 35°C
- The system Should have suitable Temperature Sensor
- The system should have the Programmable operation function with microprocessor control for lighting on/off control
- The system should have the Air circulation by a fan to maintain temperature uniformity
- The system should have the Over-temperature protection Device
- Should have 40mm Thickness of insulation with PUF Insulation Material
- The internal material of construction should be seamless SS 316
- The should have an option to mute the audible alarms
- The system should have the Corrosion resistance stainless steel interior and epoxy-powder coated exterior.
- Should have minimum four adjustable shelves
- Should have One Access Port for easy communication
- The system should have Internal Fluorescent Lamp with Timer
- Electronic and mechanical components should be enclosed, protected from accidental spills.
- It should have automatic restart after power interruption with nonvolatile memory
- The system should operate at 230V, 50 Hz AC power.
- The system should have Noise Level less than 40 Db
- The system should be supplied with all the accessories required to function.
- Compliance to each of the above points should be separately indicated and evidence presence for each of them (Product brochures should be highlighted wherever required).
- The System should be CE/ISO Approved
- The system should be power efficient and low power consumption.
- Compliance to each of the above points should be separately indicated and evidence presence for each of them (Product brochures should be highlighted wherever required).
- The system should be supplied with 3-year warranty.
- The service provider should have the base in Bangalore. Office address and service Engineer contact details should be enclosed with the quotation
- The past performance/service support in NCBS/instem/ccamp should be satisfactory and the technical evaluation will be done accordingly.