**List of Equipment/Instruments with Specification**

1. **PCR Machine/Thermal Cycler Gradient**

Technical Specification :

Sample Capacity : 0.2 mL tubes

Programmable Temperature Range : 4°C to 99.9°C

Temperature Accuracy/Uniformity: ±0.5°C/±0.5°C Heating/cooling method:

Gradient temperature range : ≥40°C to 99°C.

Instrument Memory : USB and On-board

Lid Type : Adjustable Heated Lid (Temperature Controllable)

Temperature increments/decrements : Yes

Time increments/decrements : Yes

Operated on 220 Volts

1. **Mini Gel Electrophoresis Horizontal unit dimension**

UV Transparent UV Tray with all accessories including combs and plates.

1. **Electrophoresis Power Supply**

 Touch panel, audible & visible alarm, status alarm, constant voltage or current, safety features includes, over voltage protection, automatic recovery after power failure, digital voltage range ≥ 10 to ≥ 300V, operated on 220 Volts.

1. **Freezer (Upright type)**

Capacity = ≥ 250 liters

Temperature Range: ≤ -20 °C

Digital temperature display /control panel

Stable storage at high room temperatures.

Operated on 220 Volts

After a power outage, operation resumes at pre-outage settings (non-volatile memory for temperature and alarm temperature settings) High/low temperature alarm (±5°C to ±15°C, adjustable) Power failure alarm