

# Scientific Products and Their Parameters

## ***Magnetic Stirrer***

- RPM Range
- Volume Capacity (mL / L)
- Plate Material (Ceramic / Stainless Steel)
- With/Without Heating
- Temperature Range (if heating)
- Stirring Position (Single / Multi)
- Optional Notes

## ***Hot Plate***

- Temperature Range
- Plate Material
- Plate Size
- Heating Power (W)
- Safety Features
- Optional Notes

## ***Hot Plate Magnetic Stirrer***

- RPM Range
- Temperature Range
- Volume Capacity
- Plate Size
- Plate Material
- Optional Notes

## ***Laboratory Centrifuge***

- Max Speed (RPM / RCF)
- Rotor Type (Fixed / Swing)
- Tube Capacity (mL)
- Number of Slots
- Temperature Control (Yes/No)
- Optional Notes

### ***PCR Machine (Thermal Cycler)***

- Sample Capacity
- Temperature Range
- Ramp Rate (°C/sec)
- Touchscreen (Yes/No)
- Gradient Function (Yes/No)
- Optional Notes

### ***Micro Pipette***

- Volume Range
- Type (Single Channel / Multi Channel)
- Accuracy
- Autoclavable (Yes/No)
- Optional Notes

### ***Autoclave***

- Chamber Volume (L)
- Temperature Range
- Pressure Rating
- Type (Vertical / Horizontal)
- Material
- Optional Notes

### ***Incubator***

- Temperature Range
- Chamber Volume
- CO<sub>2</sub> Control (if applicable)
- Shelves Required
- Optional Notes

### ***Water Bath***

- Temperature Range
- Chamber Capacity
- Number of Holes / Compartments
- Circulating or Non-circulating
- Optional Notes

### **Spectrophotometer**

- Wavelength Range
- Light Source
- Accuracy
- Sample Holder Type (Cuvette / Microplate)
- Optional Notes

### **pH Meter**

- pH Range
- Accuracy
- Temperature Compensation
- Electrode Type
- Optional Notes

### **Microscopes**

- Type (Compound / Stereo / Digital)
- Magnification Range
- Camera Required (Yes/No)
- Light Source (LED/Halogen)
- Optional Notes

### **Weighing Balance**

- Capacity
- Readability
- Pan Size
- Calibration Type (Auto/Manual)
- Optional Notes

### **Vacuum Pump**

- Pump Type (Oil / Oil-free)
- Flow Rate
- Max Vacuum Level
- Noise Level
- Optional Notes

### **Fume Hood**

- Size
- Airflow Type (Ducted / Ductless)
- Material
- Safety Features
- Optional Notes