



Slide Dryer

LB-10SD

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1. Safety Measures

Attention:

- Before working, ensure that there is enough water in the bathing pan.
- It's dangerous to spatter water into the instrument, be careful to pour water into the bathing pan.
- When in performance, ensure that the grounding works well.
- The key on the panel should be pressed gently, avoid heavy press.
- The instrument should be placed horizontally and in a ventilated place and keep it far from the heat source.

2. Introduction

Slide Dryer LB-10SD operates at a maximum temperature of 90°C, providing efficient drying of paraffin tissue sections and other laboratory samples. It includes a highly sensitive temperature controller for precise and reliable drying conditions. It features an over-temperature alarm function for enhanced safety. Our slide dryer utilizes advanced heating elements for fast and uniform heating with low thermal resistance. It is equipped with a high-brightness LCD for real-time temperature monitoring.

3. Features

1. Ensures precise temperature control
2. Includes an over-temperature alarm
3. Enables fast and uniform heating
4. Retains set temperature automatically
5. Corrosion-resistant work surface

4. Specifications

Model No.	LB-10SD
Temperature Range	RT to 90°C
Temperature Precision	±1°C
Environmental Temperature Range	0 to 40°C
Over-Temperature Alarm Range	1 to 5°C
Drying Area	345 × 260 mm
Display	LCD
Power Supply	AC110-220V ± 10%, 50/60 Hz
Power Consumption	200 W
External Dimensions (W × D × H)	345 × 340 × 130 mm
Packaging Dimensions (W × D × H)	440 × 440 × 220 mm
Weight	5 kg

5. Applications

Slide Dryer is used in labs to quickly and uniformly dry microscope slides with tissue or cell samples, ensuring efficient preparation for examination. It is essential in histology, pathology, cytology, and microbiology labs.

6. Instrument Introduction

Instrument Structure:



Figure-1

- 1) Plate
- 2) Cover
- 3) Panel

7. Operations

7.1 Operation Panel

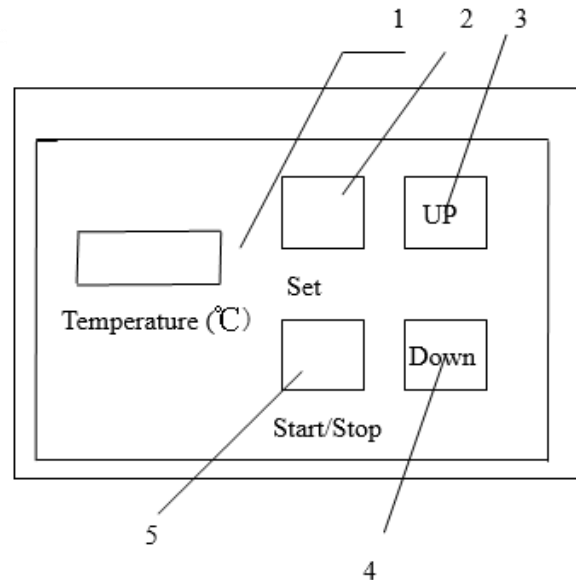


Figure-2

- 1) Temperature display screen
- 2) Temperature set
- 3) Temperature up controller
- 4) Temperature down controller
- 5) Startup/Stop controller

7.2 Functions of the Key Controllers

- 1) **Set:** For setting the temperature.
- 2) **Up:** For adjusting the rising temperature.
- 3) **Down:** For adjusting the lowering of temperature.
- 4) **Start/Stop:** First of Startup; Second for Stop.

7.3 Operation Steps

- 1) Pour water into the slide-bathing pan to 2/3 of the volume.
- 2) After getting through the electric supply, turn on the switch.
- 3) The temperature should first be set, and the operation is as follows:
Turn on the power switch, and press the **"Set"** key for the Slide dryer, P×× will be shown on the screen, press the key of **"Up"** or **"Down"** to adjust the necessary temperature. The temperature displayed is the temperature set. The set temperature will be automatically deposited into the computer chip.

Press the **“Start/Stop”** key, and the actual temperature of the bathing pan will soon be displayed on the Screen. When C×× is displayed on the screen, it means the machine is at the working state.

- 4) If no change in the set temperature, press the **“Start/Stop”** key to start working.

Direction:

P P□□ is for setting the temperature.

C C□□ is for working temperature, the instrument is at the state of working.

□□ For the current temperature, the instrument is at the state of stopping work.



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