PRP Gel Dry Incubator

LMPDI-A100

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1. Safety Measures

⚠ **Safety Precautions**

1) Do not unplug or plug in the power connector with wet hands.
2) Do not toggle the power button with wet hands.
3) Do not unplug the power plug while the instrument is live (powered).
4) Do not perform maintenance or cleaning while the instrument is powered on.
5) Do not install the instrument on an uneven surface.
6) Do not install the instrument on a swaying or vibrating surface.

2. Introduction

PRP Gel Dry Incubator LMPDI-A100 offers versatile syringe compatibility up to 10 ml, 5 ml, and 2.5 ml. It reaches the required heat level in 12 minutes, ensuring rapid and consistent operation. It features a robust exterior with corrosion resistance, enhancing durability for prolonged functionality. Built with a user-friendly control panel and a high-resolution display for seamless monitoring. Our PRP Gel Dry Incubator remains stable with anti-slip rubber feet, preventing unintended movement.

3. Features

- Extensive Temperature Range
- Flexible Time Adjustment
- Aluminum Thermal blocks
- Low Power Consumption
- Easy-to-Clean Surface
- Lightweight and Compact Build

4. Specifications

Model No	LMPDI-A100
Capacity	Syringe (10 ml×5), Syringe (5ml×5), Syringe (2.5ml ×5)
Temperature Range	RT +5°C to 100°C
Temperature Stability	±0.5°C
Display Accuracy	0.1°C
Heating Time	Less than or equal to 12min
Heating Temperature Range	25 to 100°C
Multi- Programmer Running	No
Timing Range	5 seconds to 23 hours 59 minutes
Power Consumption	96W
Dimensions	110 ×75 ×86 mm
Overall Dimensions	170 ×160×178 mm
Net Weight	3Kg

5. Applications

PRP Gel Dry Incubator LMPDI-A100 is vital for Platelet-Rich Plasma gel preparation and controlled serum heating in laboratory and clinical research.

6. Instrument Introduction

Figure-1

Figure-2

7. Installation

⚠ **Instrument Using Environment**

1) Use the instrument indoors only.
2) Ensure the altitude of the operating location is ≤ 2000 meters.
3) Operate the instrument within a temperature range of +5°C to +40°C.
4) Ensure the relative humidity does not exceed 80%.
5) Do not place the instrument near sources of vibration.
6) Do not place the instrument near strong airflow (e.g., vents or fans).
7) Ensure the area is free from environmental disturbances that may affect performance.
8) Maintain a minimum clearance of 10 cm in front of the instrument during operation.
9) Maintain a minimum clearance of 10 cm behind the instrument during operation.

8. Operations

Steps for Usage

1) Set temperature and time

Press the MENU key to set the desired temperature and time.

2) To memorize a program

- Short-press the P key to enter program settings.
- Press MENU to select a program number.
- Set the temperature and time in sequence.
- The device will automatically save the program after completion.
- Up to 9 programs can be saved in memory.

3) To enter gradient operation mode (Method-1)

- Long-press the P key to enter gradient operation mode.
- Press MENU to select the required program number.
- The program will run sequentially from low to high temperature without skipping any step.

4) To enter gradient operation mode (Method-2 repeated instruction clarified)

- Long-press the P key again to enter the mode.
- Press MENU to choose the desired program number.
- The program will run sequentially from low to high, again without skipping any stage.

9. Accessories

Standard Accessories

Accessory	Unit	Quantity
Syringe Holder	Each	1
High Cap	Each	1
Power Cable	Each	1