Digital Mini Incubator

User's Guide

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Introduction

The Gilson Digital Mini Incubator is a microprocessor-controlled instrument designed for providing accurate temperatures up to 60°C. With a large incubation chamber and shelf, and available in two models, the Mini Incubator is useful for a wide variety of laboratory applications.

Specifications

DIGITAL MINI INCUBATOR	
Capacity	20L
Temperature Range	Ambient –15°C to 60°C (Heating & Cooling Model) Ambient +5°C to 60°C (Heat Only Model)
Temperature Accuracy	+/-0.5°C at 37°C
Temperature Uniformity	+/-1.5°C at 37°C
Dimensions (Internal) WxDxH	26 x 23.5 x 32.5 cm / 10.3 x 9.3 x 12.8 in.
Dimensions (External) WxDxH	33.5 x 37 x 47.5 cm / 13.2 x 14.5 x 18.7 in.
Weight	6.5 kg / 15 lb.
Electrical	100–240V AC 50/60Hz
Warranty	2 years

Installation

1. Place the Mini Incubator on a clean, level, and stable surface.
2. Remove the power supply from the white box inside the chamber and plug the wall end into the wall outlet.
3. Plug the other end of the power supply into the 2–pin inlet (top inlet) labeled DC on the backside of the unit.
4. Press the power key on the front display.

Figure 1
DC Top Inlet

Operation

To select the desired temperature, press the ▲ and ▼ key. The display begins to flash and then the ▲ and ▼ keys can be used to choose the desired temperature. Once the desired temperature has been selected, the display stops flashing and the chamber begins to heat or cool accordingly.

NOTE	**When loading samples, always avoid placing samples directly in front of fan vents. This will minimize airflow and diminish temperature performance.**

The Mini Incubator is also equipped with an internal light to assist in viewing.

To activate the internal light, press the **Light** button

To turn off the internal light, press the **Light** button again.

Internal Outlet

To use the internal outlet, plug the included power cable into the bottom power inlet on the backside of the Mini Digital Incubator. The internal outlet is now powered.

NOTE	**The voltage of this internal outlet is dependent on the wall voltage. (If the wall voltage is 230V, the voltage of the internal outlet is also 230V.)**

Maintenance

No routine maintenance is required other than to keep the instrument clean. When cleaning, use a damp cloth to wipe down the internal or external parts of the Mini Incubator. Avoid the use of solvents as they may attack the product housing. In addition, always ensure that the fan vents are clear of dirt or any other obstructions.

Ordering Information

PART NUMBER	DESCRIPTION
36110800	Mini Digital Incubator, with heating only 100–230V, US Cord (2-pin cord)
36110810	Mini Digital Incubator, with heating only 100–230V, EU Cord
36110820	Mini Digital Incubator, with heating only 100–230V, UK Cord
36110830	Mini Digital Incubator, with heating only 100–230V, AU Cord
36110840	Mini Digital Incubator, with heating and cooling 100–230V, US Cord (2-pin cord)
36110850	Mini Digital Incubator, with heating and cooling 100–230V, EU Cord
36110860	Mini Digital Incubator, with heating and cooling 100–230V, UK Cord
36110870	Mini Digital Incubator, with heating and cooling 230V, AU Cord
ACCESSORY	
36117380	Extra Shelf 26.6 x 3.1 cm / 10.5 x 8 in.

Warranty

Gilson warrants this instrument against defects in material under normal use and service for two years from the date of purchase. This warranty is valid only if the instrument is used in the manner described in this guide and for the purpose for which it is designed. Gilson is not responsible for consequential damages resulting from the misuse or bad cleaning or decontamination of this instrument. Enclose with the returned instrument a description of the problem that has occurred.

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