

User Manual

HUMATEMP

Microplate Incubator

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Installation

The instrument is equipped with a water bath to keep the internal humidity constant during incubation phase. Fill in about 10 ml of water .

Connect the instrument to the power supply with the Adapter DC via the power connector on the back of the instrument.

Place it on a flat, dust-free surface.

For correct use of the instrument, close the cover.

The RED led indicates power on and warm up. After 20-30 minutes the instrument will reach the working temperature and the GREEN led comes on indicating that the instrument is ready to work.

WARNING!!!!

Put the microplate onto the incubator only when the GREEN led is on. The time to reach the working temperature strongly depends on the environment temperature. It may take even more than 30 minutes.

Safety Information

Use the instrument only for purposes indicated in this Manual. Install the instrument as described in this Manual. Never pull the instrument by the power cable.

Change the power cable whenever damaged.

In case of malfunctioning, it may only be repaired by qualified personal.

Introduction

HUMATEMP is a micro plate incubator developed to reach a fixed temperature of 37°C and to keep it homogeneous all over the incubator.

HUMATEMP can heat one 96-well-micro plate (12x8).

The cover is necessary to avoid direct light access and to maintain constant humidity.

Contents of Shipment

The instrument is shipped in one box containing:

- 1 HUMATEMP
- 1 Adapter DC power supply adjustable
- 1 User's Manual
- 1 Cover
- 1 Control sheet

Unpacking

Remove the instrument from its box and place it on a flat, dust-free surface.

Make sure that the Serial Number on the instrument (see label on the bottom) corresponds with the serial number in the delivery papers. If there is any difference, please report to your supplier immediately!

Only the correct instrument Serial Number allows the manufacturer to rectify your claims in case of warranty!

Technical Features

Temperature	37.0°C fixed
Temperature Accuracy	+/-0.2°C (with closed cover)
Temperature Stability	+/-0.2°C (with closed cover)
Temperature Uniformity	+/-0.1°C (with closed cover)
Warm up Time	20/30 minutes
Dimensions	174x112x60mm
Weight	Instrument 920g Adapter 360g
Power Supply	220V-50/60Hz with AC/DC external adapter (110V upon request)
Max Power Consumption	13.2 Watt

CE

The HUMATEMP is CE marked in accordance with the following directives:

73/23/CEE (EMC), 89/336/CEE, 92/31/CEE and 93/68/CEE.

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