Constant Temperature Incubator 45-210 L, RT+5 to 70°C, Glass Inner Door, UV Lamp, Breeze Circulation

Model **MSICB-45PSWISS,MSICB-65PSWISS,MSICB-125PSWISS,MSICB-210PSWISS** | Brand **Master Science**









The Master Science Constant Temperature Incubator with UV Lamp is a gentle-airflow incubator for bacterial and cell culture between 5°C above ambient and 70°C. A low-speed breeze fan moves air without drying out plates, while a mica heating film and PT100 sensor give ±0.5°C stability and ±0.8°C uniformity.

KEY HIGHLIGHTS

- See cultures without heat loss
- Gentle airflow
- UV with built-in safety
- Backup protection

AT A GLANCE

RT+5 to 70°C TEMPERATURE RANGE	**45 / 65 / 125 / 210 L** CAPACITY
±0.8°C UNIFORMITY	**Mirror stainless steel** CHAMBER

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

Scan to view online

Overview

The double door has a glass inner door so you can see cultures without letting heat out, and the outer door seals with a magnetic strip. A UV lamp and LED light are fitted as standard; opening the door switches off the UV lamp and the power to the chamber. A separate digital temperature limiter adds overheat protection. Four sizes are offered from 45 to 210 litres.

For higher temperatures up to 120°C, see our forced-air heating incubator alongside the Master Science Constant Temperature Incubator with UV Lamp.

Opening the door and strong airflow both upset cultures. The Master Science Constant Temperature Incubator with UV Lamp addresses:

Key Benefits

See cultures without heat loss
The glass inner door of the Master Science Constant Temperature Incubator with UV Lamp keeps temperature steady while you look.

Gentle airflow
The breeze fan limits drying of plates and media.

UV with built-in safety
UV switches off automatically when the door opens.

Backup protection
An independent digital limiter guards against overheating.

Technical Specifications

GENERAL

General	Specifications of the Master Science Constant Temperature Incubator with UV Lamp range:
Brand	Master Science
Model Number	MSICB-45PSWISS,MSICB-65PSWISS,MSICB-125PSWISS,MSICB-210PSWISS
SKU	MSICB-45PSWISS,MSICB-65PSWISS,MSICB-125PSWISS,MSICB-210PSWISS
Brand	Master Science
Model	MSICB-45PSWISS, MSICB-65PSWISS, MSICB-125PSWISS, MSICB-210PSWISS
SKU	MSICB-45PSWISS, MSICB-65PSWISS, MSICB-125PSWISS, MSICB-210PSWISS
Capacity	**45 / 65 / 125 / 210 L**
Circulation	Breeze (gentle) fan circulation
Temperature range	**RT+5 to 70°C**
Resolution	0.1°C
Fluctuation	±0.5°C
Uniformity	±0.8°C
Sensor	PT100
Controller	Intelligent PID, touch buttons, dual-row LCD
Timer	0-9999 min with timed wait
Functions	Fixed temperature, timing, auto stop; sensor correction; overshoot self-tuning; power-off memory
Chamber	Mirror stainless steel
Exterior	Electrostatically coated cold-rolled steel
Heater	Mica electrothermal film
Exhaust / test port	Ø28 mm on top
Shelf positions	7 / 9 / 13 / 14
Load per shelf	15 kg
Shelf spacing	35 mm
Lighting and sterilization	LED light and UV lamp
Safety	Independent digital limiter; over-temperature alarm; door-open power and UV cut-off

DIMENSIONS & WEIGHT	
Internal dimensions (W×D×H)	350 × 350 × 350 / 400 × 350 × 450 / 500 × 450 × 550 / 600 × 580 × 600 mm
External dimensions (W×D×H)	525 × 480 × 620 / 575 × 480 × 720 / 675 × 580 × 820 / 775 × 710 × 870 mm
Net / gross weight	27/44, 32/35, 45/49, 58/63 kg

POWER	
Power supply	AC 220 V, 50/60 Hz
Power rating	0.35 / 0.45 / 0.6 / 0.7 kW

INCUBATION PROBLEMS THE MASTER SCIENCE CONSTANT TEMPERATURE INCUBATOR WITH UV LAMP SOLVES	
Heat loss when checking samples	A glass inner door keeps the outer door closed.
Dried-out plates	Breeze circulation is gentle on media.
Contamination between batches	The UV lamp helps disinfect the chamber.
Overheating risk	The independent limiter adds a second safeguard.

Applications

The Master Science Constant Temperature Incubator with UV Lamp is used for: Bacterial culture and plate incubation Clinical and hospital microbiology Food and water microbiology testing Teaching laboratories Pharmaceutical microbial limit testing

Door and chamber

- Double door with glass inner door
- Magnetic seal on outer door
- Mirror stainless steel chamber
- Ø28 mm top exhaust and test port

Climate control

- Breeze circulation fan
- Mica heating film with PT100 sensor
- Intelligent PID control with overshoot self-tuning

Safety and convenience

- UV lamp and LED light
- Door-open power and UV cut-off
- Independent digital temperature limiter
- Power-off parameter memory

Standard Accessories Included

- Constant temperature incubator
- Shelves ×2
- Shelf supports ×4

Optional Accessories

- Additional shelves