



designed for scientists



INC 125 F digital Incubator

/// Data Sheet

The INC 125 F digital convection incubator is ideal for microbiological applications up to 100 °C thanks to its precise temperature control. The supply of preheated air into the temperature chamber can ensure fast, stable and uniform temperature control. With a capacity of 125 liters, INC 125 F digital offers the largest volume in its class. Up to six grid shelves can be accommodated simultaneously in the spacious chamber.

Easy to clean

- Simple cleaning of the interior thanks to rounded corners and flat surfaces made of corrosion-resistant material AISI 304



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- Decontamination mode (120°C) for disinfection and reduction of cross-contamination

Optimal temperature control

- Wide temperature range: RT +8 °C to 100 °C
- Excellent temperature stability and uniformity of +/- 0.3 K
- Internal air circulation can be influenced by electronically adjustable fan speed (0-100%) and ventilation flap (0-100%)
- Excellent temperature management and optimized energy consumption thanks to very good insulation of the inner chamber
- Additional inner glass door for observation of samples without temperature loss

Simple and intuitive operation

- Very large LCD display for easy reading
- Counter, timer and timer auto function ensure reproducible test conditions

Versatile accessories

- Up to two devices (incubator shaker or incubator) can be stacked (with corresponding accessories)
- Different trays available
- Door lock (optional accessory)

Services

- Door hinge on the right, changeable on request
- Installation and Operation Qualification (IQ/OQ) available on request

Scope of delivery

- INC 125 F digital Incubator
- IO T 2.10 Wire grid tray, chrome plated (2 pcs.)
- Tilt protection (2 pcs.)
- USB A-B Cable
- Calibration certificate at 37°C



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Technical Data

Heat output [W]	750
Working temperature [°C]	room temp. +8 - 100
Adjustment and display resolution [K]	0.1
Temperature stability (37°C @22°C) [K]	±0.3
Temperature homogeneity (37°C @22°C) [K]	±0.3
Temperature heat up time (37°C @22°C) [min]	8
Temperature door recovery (37°C @22°C) [min]	3
Temperature display	yes
Display	LCD
Timer	yes
Timer display	LCD
Time setting max. [d]	100
Number of trays max.	6
Load for one tray max. [kg]	20
Operating area inner chamber [mm]	550 x 550 x 415
Total volume inner chamber [l]	125
Air outlet port diameter inside [mm]	48
Thermal safety devices according DIN 12880	TB class 1
Set-point limiter with safety shutdown	yes
Inner glasdoor	yes
Temperature sensor control	PT 100 4 wire
Cleaning thermal decontamination (120°C)	yes
Power consumption at 37°C [Wh/h]	75
Dimensions (W x H x D) [mm]	700 x 720 x 635
Weight [kg]	60
Permissible ambient temperature [°C]	15 - 32
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 20
USB interface	USB-B
Voltage [V]	220 - 240
Frequency [Hz]	50/60
Power input [W]	800
Power input max. [W]	800
Power input standby [W]	2
Fuse	2x T5.0A 250V