



designed for scientists



INC 125 FS digital (SP20)

/// Data Sheet

INC 125 FS digital is the first incubator shaker with a patented removable shaker platform that supports both static and shaking incubation. When the shaker platform is taken out, the device can be used as normal incubator. The incubator shaker is the perfect solution for cell cultivation and other microbiological applications as it convinces with a high temperature stability performance and a smooth shaking process that improves oxygenation of the sample.

- Wide temperature range: RT +8 °C to 80 °C
- Chamber capacity: 125 l
- Excellent shaking performance with a maximum speed of 300 rpm
- Shaking stroke: 20 mm (option)



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of 25 mm)

- Sample loading made easy with loading indication line on shaker platform
- Shaking platform with universal design to directly attach fixing clips or adhesive mat
- Automatic recognition of shaker platform
- Stops shaking automatically when door is opened
- Shaking and tempering function can run independently
- Availability of counter, timer and timer auto modes
- Accommodates up to 6 wire grid trays (without shaker platform)
- Decontamination mode available
- Chamber made of corrosion-resistant AISI 304 material
- Excellent chamber insulation
- Easy to clean due to removable shaking platform and drip tray underneath
- Door with triple layer glass window to observe samples
- Up to 2 units (incubator shaker or incubator) stackable (accessories required)
- Door hinge changeable upon request
- Installation and operation qualification (IQ/OQ) available upon request



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Technical Data

Heat output [W]	750
Working temperature [°C]	room temp. +8 - 80
Temperature stability (37°C @22°C) [±°K]	0.1
Temperature homogeneity (37°C @22°C) [±°K]	0.2
Temperature heat up time (37°C @22°C) [min]	12
Temperature door recovery (37°C @22°C) [min]	2
Temperature display	yes
Display	LCD
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
Thermal safety devices according DIN 12880	TB class 1
Door with window	yes
Temperature sensor control	PT 100 4 wire
Cleaning thermal decontamination (100°C / 2h)	yes
Shaking stroke [mm]	20
Speed range [rpm]	10 - 300
Permissible shaking weight (incl. attachment) [kg]	7.5
Set-up plate dimensions [mm]	340 x 480
Power consumption at 37°C [W]	95
Dimensions (W x H x D) [mm]	700 x 720 x 635
Weight [kg]	70
Permissible ambient temperature [°C]	15 - 32
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 20
USB interface	yes
Voltage [V]	200 - 240
Frequency [Hz]	50/60
Power input [W]	850
Power input max. [W]	850
Power input standby [W]	2
Fuse	2x T5.0A 250V