



designed for scientists



INC 125 FS digital (SP25)

/// 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: 25 mm (option)

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Subject to technical changes



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of 20 mm)

- Sample loading made easy with loading indication line on shaker platform
- Fixing clip attachment included with shaker platform
- 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

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 |
| 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 |
| Cleaning thermal decontamination (100°C / 2h) | yes |
| Shaking stroke [mm] | 25 |
| 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 |