

SalvisLab Incucenter – Heating Technology with Swiss Precision



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SalvisLab Incucenter – This heat awakens life

Biosphere by design

SalvisLab Incucenters are highly accurate special apparatus designed for incubation in clinical and industrial laboratory fields as well as for quality control. The exclusive IntelliFan-System from SalvisLab provides uniform, constant level temperature conditions at any and all locations within the chamber – independent of load. High degree of precision is warranted over the full temperature range. The inner door made of safety glass permits optical process monitoring without heat energy loss. In support of decontamination, the units may be heated to +110°C.



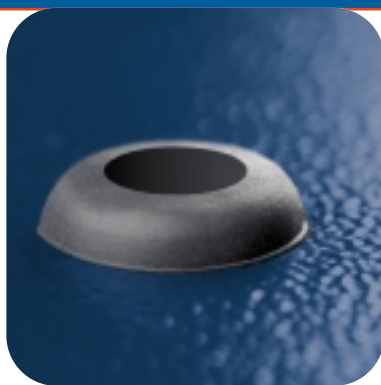
■ Swiss quality and design

SalvisLab Incucenters are setting standards in quality and design. The units are manufactured in typical Swiss quality according to ISO9001 norms and convince through accuracy, dependability and design.



■ High payload

Each apparatus comes with grid shelves as standard equipment. They are designed for high payload and the grid design allows for unimpeded airflow.



■ Precise temperature characteristics

The PT100 temperature sensor guarantees accurate temperature characteristics exactly as required by the programmed defaults. The units are provided with a lead-through hole (dia. 6 mm) for installation of additional temperature sensors or electric cables.

■ Full control with the SalvisLab EasyMenu

SalvisLab developed the EasyMenu which leads you through operation and programming of the Incucenters in easy to understand steps. The illuminated LCD display of the PID controller features fuzzy logic capabilities and keeps you informed with all required data over the full process cycle.

■ Safety through cleanliness

SalvisLab Incucenters are a well-rounded affair. All transitional points between walls, ceiling and chamber bottom are conveniently rounded, thus promoting easy cleaning. Undesirable spores and dirt will find no place to hide.

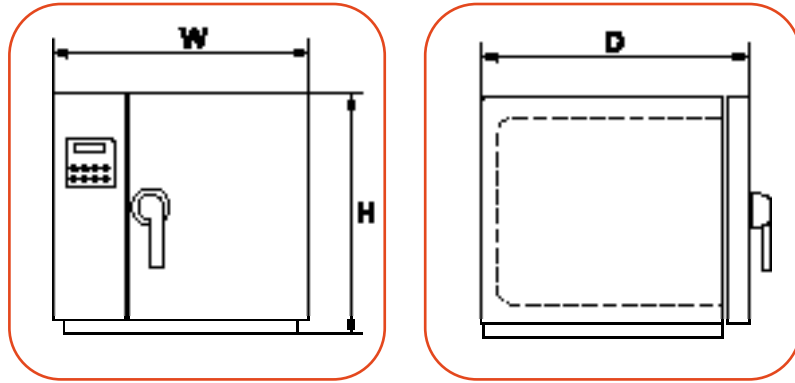


■ Programmable independence

Fifty programs at 15 program steps each (one gradient, one turbine RPM number, one time default per step) may be stored in SalvisLab Incucenters with program duration of up to 999 hours. The built-in realtime clock simplifies programming. In case of power failure, programs remain in memory.



Technical Data SalvisLab Incucenter



SalvisLab Incucenter	IC40	IC80	IC160	IC240	IC400
Useable volume (l)	40	80	160	240	400
Max. Temperature (°C)	110	110	110	110	110
Outside dimensions (WxHxD) in mm	650 x 510 x 510	750 x 540 x 600	800 x 720 x 680	890 x 820 x 720	990 x 920 x 900
Inside dimensions (wxhxd) in mm	385 x 370 x 305	485 x 400 x 395	535 x 580 x 475	625 x 680 x 515	725 x 780 x 695
Weight (kg)	30	50	66	78	120
Shelves (standard/max.)	2/5	2/5	2/8	2/8	2/10
Shelf load max. (kg)	26	26	26	20	15
Voltage, ± 10% (V)	230/115	230/115	230/115	230/115	230/115
Temperature variation at 100°C (±°C)	0.7	0.7	0.7	1.0	1.0
Temperature fluctuation at 100°C (±°C)	0.1	0.1	0.1	0.1	0.1
Microprocessor PID controller	•	•	•	•	•
Alphanumeric LCD display illuminated	•	•	•	•	•
Programming	•	•	•	•	•
- Programs x steps	50 x 15	50 x 15	50 x 15	50 x 15	50 x 15
- Temperature, time, gradient	•	•	•	•	•
Timer (h)	999	999	999	999	999
RS232/RS422 interface	•/opt	•/opt	•/opt	•/opt	•/opt
Safety class	3.1	3.1	3.1	3.1	3.1

Note: technical data subject to change without prior notice.

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