

Heratherm Compact Incubators

Intelligent design
for small volume applications



Smart solution for compact space

The Thermo Scientific™ Heratherm™ compact incubator has an 18L chamber capacity, making it ideal for laboratories that are tight on space.

Extended temperature range and calibration capability

The Heratherm compact incubator now has an extended temperature range, from below ambient (as low as 17°C) up to 50°C, ideal for personal use and for small sample quantities and sizes. An easy calibration routine ensures temperature accuracy. Internal light facilitates sample observation. Energy consumption is as low as 14W (at 37°C), due to efficient Peltier technology.

Sample applications:

- Microbiological incubation at 37°C
- Bacteria testing at various temperatures, e.g. Campylobacter test at 42°C
- Yeast growth at 25°C
- Storage at defined temperature
- Mobile use, e.g. for veterinary care

Use of Heratherm compact incubator for Campylobacter testing:

Campylobacter species have been identified as the second most common cause of foodborne illness in the U.S. behind Salmonella, and number one cause of foodborne diarrhea in Europe.

Effective testing methods for diagnosis and treatment require culturing the bacteria at 41.5° to 42°C. The use of anaerobe jars or gas packs is recommended, since low oxygen conditions improve the growth.



Standard Heratherm compact incubator model

Table 1. Thermo Scientific Heratherm compact incubator IMC18 specifications

Specification	
Convection technology	Mechanical convection
Temperature range	17°C to 50°C
Spatial temperature deviation at 37°C	± 1.2°C
Temperature deviation over time at 37°C	± 0.2°C
Footprint	0.12 sq m, 1.3 sq ft
Chamber volume	Approx. 18 L, 0.65 cu ft
Dimensions chamber, (W x H x D)	180 x 310 x 290 mm, 7.1 x 12.2 x 11.4 in.
Dimensions exterior, mm / in (W x H x D)	260 x 415 x 470, 10.2 x 16.3 x 18.5
Number of shelves	2 supplied, 3 max
Max shelf load	2 kg, 4.4 lbs
Rated voltage, frequency	100-240 V / 50/60 Hz
Rated power, max. current	45 W, 0.45 - 0.85 A
Weight	7.2 kg, 15.9 lbs

Note: All figures in all tables are typical average values for series devices, based on factory standard following norm Din12880.

Units are CE marked and CSA certified and have a two years warranty.

Please contact us for certification information or IQ/OQ documents.

Ordering information

Heratherm compact incubator	Cat. No.
Country/plug version	
US Nema 5-15	50125590
Euro, UK, Australia	50125882
China	50129111
NA, EU, China, Australia With door cover, for light sensitive applications	50140500
Additional shelf	50125605

Heratherm compact incubator model 50140500 for light sensitive applications



Order yours today!

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