

Thermo Scientific Heratherm

General Protocol Ovens

Thermo Scientific Heratherm General Protocol ovens are perfect for routine daily work, providing the ideal heating and drying solution for your applications.



Heratherm General Protocol Ovens,
60L, 100L, 180L



Heratherm ovens have a smooth inner casing with easy to clean rounded corners

technology

for efficiency

- Low energy consumption
- Built in timer
- Excellent footprint/volume ratio
- Three sizes (60, 100, 180L)
- Inner chambers made from corrosion-resistant galvanized steel with rounded corners for easy cleaning

convenience

for ease of use

- Large, easy to view vacuum fluorescent display
- Simple, microprocessor-based touch button controls
- Doors can be opened over 180° making these units easy to access
- Automatic overtemperature alarm system to protect samples

SPECIFICATIONS TABLE/ORDER NUMBERS GENERAL PROTOCOL OVENS

Order number		51028112	51028113
Model		OGS60	OGS100
Convection technology		Gravity convection	Gravity convection
Temperature range	°C	50 - 250	50 - 250
Spatial temperature deviation	at 150 °C	± 4 °C	± 4 °C
Temperature deviation over time	at 150 °C	± 0.4 °C	± 0.4 °C
Footprint	sqm / sqft	0.3 / 3.2	0.36 / 3.9
Chamber volume	L / cuft	65 / 2.3	105 / 3.75
Dimensions	chamber, mm / in (W x H x D)	328 x 480 x 415 / 12.9 x 18.9 x 16.3	438 x 580 x 414 / 17.2 x 22.8 x 16.3
	exterior ¹ , mm / in (W x H x D)	530 x 720 x 565 / 20.9 x 28.3 x 22.2	640 x 820 x 565 / 25.2 x 32.3 x 22.2
Number of shelves	supplied / max	2 / 13	2 / 16
Max. shelf load	kg / lb	25 / 55	25 / 55
Rated voltage / frequency	V / Hz	120 / 60	208-240 / 60
Rated power / max. current	W / A	1730 / 14.4	3360 / 14
Weight	kg / lb	42 / 93	53 / 117
Additional shelf kit ² order number		50127761	50127762
Stacking kit order number		50126665	50126666
Support stand with casters ³ order number		50127741	50127742

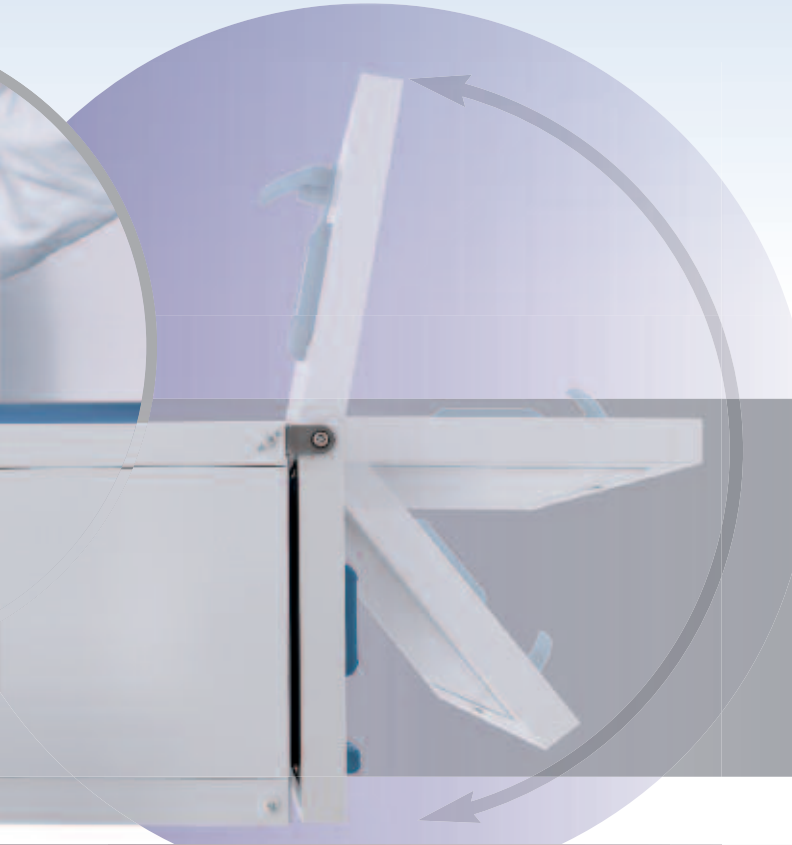
¹ Depth of handle / display not included in depth (2.6 in); adjustable feet not included in height (1.4 in) – required distance to rear wall: 3.1 in

² Includes two shelf supports

³ Height of stand including casters: 187 mm / 7.4 in

180° door opening

The door can be opened 180° to allow convenient access to the interior for hassle free cleaning and easy loading of probes.



Damper provides control over air exchanges



Standard RS232 interface on all units



Operating up to 250 °C

performance for proven results

- Operating from 50 °C up to 250 °C
- Gravity convection units are designed to protect delicate samples while offering temperature uniformity of +/- 4 °C with temperature stability of +/- 0.4 °C at 150 °C
- Mechanical convection models provide a temperature uniformity of +/-3.3 °C with temperature stability of +/-0.3 °C at 150 °C

data logging

- The exhaust vent can be used as an access port for an external temperature sensor
- All Heratherm ovens come standard with a RS232 data interface

51028114	51028121	51028122	51028123
OGS180	OMS60	OMS100	OMS180
Gravity convection	Mechanical convection	Mechanical convection	Mechanical convection
50 - 250	50 - 250	50 - 250	50 - 250
± 4 °C	± 3.3 °C	± 2.5 °C	± 3 °C
± 0.4 °C	± 0.3 °C	± 0.3 °C	± 0.3 °C
0.47 / 5.1	0.3 / 3.2	0.36 / 3.9	0.47 / 5.1
176 / 6.2	66 / 2.3	104 / 3.65	179 / 6.3
438 x 680 x 589 / 17.2 x 26.8 x 23.2	354 x 508 x 368 / 13.9 x 20 x 14.5	464 x 608 x 368 / 18.3 x 23.9 x 14.5	464 x 708 x 543 / 18.3 x 27.9 x 21.4
640 x 920 x 738 / 25.2 x 36.2 x 29.1	530 x 720 x 565 / 20.9 x 28.3 x 22.2	640 x 820 x 565 / 25.2 x 32.3 x 22.2	640 x 920 x 738 / 25.2 x 36.2 x 29.1
2 / 19	2 / 13	2 / 16	2 / 19
25 / 55	25 / 55	25 / 55	25 / 55
208-240 / 60	120 / 60	208-240 / 60	208-240 / 60
3360 / 14	1440 / 12	3360 / 14	3360 / 14
66 / 146	42 / 93	53 / 117	66 / 146
50127763	50127764	50127765	50127766
50126667	50126665	50126666	50126667
50127743	50127741	50127742	50127743