

Thermo Scientific Heratherm

Large Capacity General Protocol Ovens

Heratherm large capacity ovens have been designed with your need for larger samples or high sample volume in mind. The General Protocol ovens provide high capacity for day-to-day drying and heating applications.



Heratherm large capacity ovens are available as 400 L and 750 L units

400 L

750 L

efficiency

- Two sizes (400 L and 750 L)
- Gravity convection technology for gentle heating and drying
- Low overall energy consumption: 23% energy savings compared to conventional ovens*
- Great footprint/volume ratio and optimal use of chamber with flexible shelving system
- Corrosion-resistant stainless steel inner chambers (AISI 430)

exceptional performance

- Operating from 10 °C above ambient temperature up to 250 °C
- Protect delicate samples while still offering a uniformity of ± 3.0 °K and temperature stability of 0.5 °K at 150 °C

ease of use

- "Plug and play" for 208/240V models with standard Nema 6-20P plug: no special hard-wiring necessary
- Intuitive user interface and easy-to-read display
- Lockable casters for mobility and easy set-up in your lab



Easy-to-view, vacuum fluorescent display with simple-to-use touch button operation

Factory installed casters allow for increased mobility and make setting up your lab easy



Heratherm large capacity ovens offer up to 23% energy savings compared to conventional ovens*



* based on internal testing 04/2012

maximum convenience for maximum safety

- Large, easy-to-view, vacuum fluorescent display with simple-to-use touch button operation controlled by an onboard microprocessor
- Doors can be opened over 180 ° for ease-of-access
- Easy-to-remove shelves for cleaning
- Automatic overtemperature alarm system to protect samples – no need for timely manual setting
- Timer function to program start or switch off times for additional energy savings
- Lockable casters for easy mobility and stability

SPECIFICATIONS TABLE/ORDER NUMBERS LARGE CAPACITY GENERAL PROTOCOL OVENS

Order number		51029327	51029339
Model		OGS400	OGS750
Convection technology		gravity convection	gravity convection
Temperature range	°C	+50 °C ¹ - 250 °C	+50 °C ¹ - 250 °C
Spatial temperature deviation	at 150 °C	±3.0 °C	±3.7 °C
Temperature deviation over time	at 150 °C	±0.5 °C	±0.5 °C
Footprint	m ² / sqft	0.56 / 6.0	0.91 / 9.8
Chamber volume	L / cuft	419 / 14.8	774 / 27.3
Dimensions	chamber mm / in (W x H x D)	544 x 1307 x 590 / 21.4 x 51.5 x 23.2	1004 x 1307 x 590 / 39.5 x 51.5 x 23.2
	exterior ² mm / in (W x H x D)	778 x 1545 x 770 / 30.6 x 60.8 x 30.3	1261 x 1545 x 770 / 49.6 x 60.8 x 30.3
Number of shelves	supplied / max	2 / 39	2 / 39
Max. shelf load	kg / lb	40 / 88	40 / 88
Rated voltage / frequency	V / Hz	208-240 / 60	208-240 / 60
Rated power / max. current	W / A	2640 / 11	3240 / 13.5
Energy consumption at 150° C	W	520	800
Weight	kg / lb	136 / 300	182 / 401

¹ Temperatures as low as ambient +10 °C can be selected – requires open damper and no additional heat in unit

² Depth of handle / display not included in depth (2.6 in); casters not included in height (4.3 in) – required distance to rear wall: 4.7 in

NOTE: All figures in this table are typical values for series devices, based on factory following norm DIN12980 (measured with 240V, values will differ with 208V). Please contact your sales representative for certification information for IQ/OQ documents.