

**Heratherm Advanced Protocol Security Ovens****Thermo Scientific****Heratherm Advanced Protocol Security Ovens**

The series provide bench-top models with 60, 100 or 180 l as well as floor models with 400 or 750 l chamber volume and 3 different fittings, each optionally with gravity or mechanical convection.

- Very high energy efficiency, environmentally friendly materials (reduced use of formaldehyde), reduced heat emission
- Programmable timer
- Small footprint
- Flexible shelf system doubles the number of shelves and therefore the footprint
- Very good spatial and temporal temperature stability
- Automatic visual and acoustic over-temperature alarm
- Very low temperatures at outer wall
- Easy to read vacuum fluorescent display
- Intuitive user interface for setting temperature
- Easy cleaning due to edgeless fabrication

Heratherm General Protocol:

Perfect for routine daily work from 10 to 250 °C. Chambers made from corrosion-resistant st. steel with rounded corners. Timer, mechanical exhaust vent as well as 2 shelves are incl. as standard.

Heratherm Advanced Protocol:

For a greater flexibility and accuracy of temperature values. With V2A st. steel interior, works up to 330 °C at highly stable temperatures. Digital timer for daily or weekly On / OFF cycles. Up to 10 cycles can be stored and combined as ramps. Fan speed and air valve can be integrated into ramp programming. Selectable quick start function allows for extremely fast heating.

Heratherm Advanced Protocol Security:

Additional to equipment of the Advanced Protocol series: under-temperature alarm for improved sample protection. With door lock and door alarm to prevent disruption and allow for safe cultures for a long time. Optional auto-dry function deactivates oven when the samples are dry. The V2A inner chamber can be supplemented by a st. steel outer housing for pharmaceutical and clinical applications.

Specifications

Power supply: 230 V, 60 Hz

Temperature range: 10 to 250 °C (General Protocol / Advanced Protocol floor models)

10 to 330 °C (Advanced Protocol benchtop models / Advanced Protocol Security)

The Thermo Scientific Heratherm Advanced Protocol Security portfolio combines the benefits of the Advanced Protocol line with an extra layer of security for applications where process reliability and sample protection are paramount.



Additional security features provide peace of mind for precious samples:

- Auto-dry function deactivates oven when the samples are dry, saving energy (optional sample temperature sensor is required to utilize this feature)
- Standard overtemperature alarm and an additional undertemperature alarm
- Door lock prevents disruption, tampering or accidental opening
- Door alarm notifies the operator when door is left open accidentally
- Socket for independent sample sensor (option): When connected, exact sample temperature is shown on display for additional peace of mind

The number of shelves included in the scope of delivery is listed in the table.

Specifications

Type designation:

OGH = Natural convection, OGH = Forced air circulation

Temperature range:

10 to 330°C

Power supply: 230 V / 50 Hz

Code	Description	Packaging
LLG04009227	OVEN APS 60L SS 230V - OGH60-S SS	1 pz





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