

Heating and drying ovens, Thermo Scientific Heratherm®



Thermo
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For simple drying of glassware to the most complex and carefully controlled heating applications. The Thermo Scientific Heratherm® oven range includes an array of solutions to match your needs.

Efficient

- Surpassing energy efficiency, increasing cost effectiveness, reducing environmental impact
- Unique door design reduces heat emission significantly
- Timer for effective usage and additional energy savings
- Space saving footprint without compromising volume
- Flexible shelving system allows for optimal space utilisation

Safe

- Routine check upon startup for optimum performance levels
- Temperature uniformity as good as $\pm 2^{\circ}\text{C}$ at 150°C
- Automatic audible and visual over temperature alarm
- Access port for data logging with independent sensors
- Low surface temperatures

Easy

- Easy to read, large display
- Easy setting with intuitive interface
- Easy cleaning with rounded corners
- Each oven supplied with 2 shelves



Thermo Scientific Heratherm® heating and drying ovens are designed with sample protection as top priority.

Advanced Protocol and Advanced Protocol Security ovens come with sophisticated programmable control. Running temperature ramps and saving defined protocols including damper position and fan speed changes are easy and intuitive. Advanced Protocol Security ovens include an extra layer of security for applications where process reliability and security are paramount.

Technical Specification - General

Temperature range, °C	General Protocol: 50 to 250 Advanced Protocol: 50 to 330 Advanced Protocol Security: 50 to 330
Timer	General Protocol: on/off Advanced Protocol: weekly/real time/hourly Advanced Protocol Security: weekly/real time/hourly
Electrical supply	230V, 50/60Hz (Country specific power supply included)
Load per shelf, kg	25 (max.)
Control	Microprocessor controlled with vacuum fluorescent display

General Protocol

Catalogue No	Legacy No	Model No	Type	Volume, L	Dimensions, external [w x d x h], mm	Dimensions, internal [w x d x h], mm	Mass, kg	No. of shelves [max/standard]
10659650	-	OGS60	Gravity convection	65	530 x 565 x 720	328 x 415 x 480	42	13/2
10669650	-	OGS100	Gravity convection	105	640 x 565 x 820	438 x 414 x 580	53	16/2
10304150	-	OGS180	Gravity convection	176	640 x 738 x 920	464 x 589 x 680	66	19/2
10661751	-	OMS60	Mechanical convection	66	530 x 565 x 720	354 x 368 x 508	42	13/2
10794982	-	OMS100	Mechanical convection	104	640 x 565 x 820	464 x 368 x 608	53	16/2
10291870	-	OMS180	Mechanical convection	179	640 x 738 x 920	464 x 543 x 708	66	19/2

Advanced Protocol

Catalogue No	Legacy No	Alt. No	Type	Volume, L	Dimensions, external [w x d x h], mm	Dimensions, internal [w x d x h], mm	Mass, kg	No. of shelves [max/standard]
10291830	-	51028142	Gravity convection, coated exterior	61	530 x 565 x 720	328 x 389 x 480	44	13/2
10140400	-	51028143	Gravity convection, coated exterior	99	640 x 565 x 820	438 x 389 x 580	55	16/2
10793092	-	51028144	Gravity convection, coated exterior	168	640 x 738 x 920	438 x 564 x 680	69	19/2
10704842	-	51028709	Gravity convection, stainless steel exterior	61	530 x 565 x 720	328 x 389 x 480	44	13/2
10339469	-	51028711	Gravity convection, stainless steel exterior	99	640 x 565 x 820	438 x 389 x 580	55	16/2
10272380	-	51028712	Gravity convection, stainless steel exterior	168	640 x 738 x 920	438 x 564 x 680	69	19/2
10774042	-	51028151	Mechanical, convection, coated exterior	62	530 x 565 x 720	345 x 343 x 508	44	13/2
10349839	-	51028152	Mechanical, convection, coated exterior	97	640 x 565 x 820	464 x 343 x 608	55	16/2
10590021	-	51028153	Mechanical, convection, coated exterior	170	640 x 738 x 920	464 x 518 x 708	69	19/2
10672311	-	51028713	Mechanical, convection, stainless steel exterior	62	530 x 565 x 720	345 x 343 x 508	44	13/2
10338289	-	51028715	Mechanical, convection, stainless steel exterior	97	640 x 565 x 820	464 x 343 x 608	55	16/2
10338479	-	51028716	Mechanical, convection, stainless steel exterior	170	640 x 738 x 920	464 x 518 x 708	69	19/2