

NEW! Thermo Scientific
General-Purpose Laboratory
Refrigerators and Freezers



your samples our obsession

- Designed for sample protection
- Low energy consumption
- Wide range of capacities

Thermo
SCIENTIFIC

freezers

NEW! **Thermo Scientific** ES Series lab refrigerators and freezers

Designed for routine sample protection where laboratory space is limited

Our new ES Series lab refrigerators, freezers and combination refrigerator/freezer are the ideal choice when there is limited space in the laboratory.

All ES Series models deliver the sample protection, performance, security and quality you have come to depend on from us:

- Integrated controller
- Digital display
- High and low temperature alarms
- Standard door locks
- Low energy consumption*
- Access ports
- CE marked



* Internal performance data. December, 2011.



Ask your sales representative about
Thermo Scientific sample storage systems

refrigerators



All of our ES Series models are fitted with standard door locks for enhanced sample security and peace-of-mind.

Our ES Series' integrated digital controller with temperature display and high/low temperature alarms is easy-to-use and maintains the correct cabinet temperature.

Thermo Scientific ES Series models come standard with access ports making integration of secondary monitoring systems simple.



Integrated digital controller with temperature display

Standard access port

HC refrigerants (R600a)

Standard door lock

Ergonomic door handles

Model No. 263C-AE, combination lab refrigerator and freezer. See pages 6-7 for specifications and ordering information.

Model No. 151R-AE, 151 liter lab refrigerator. See pages 6-7 for specifications and ordering information.

freezers

refrigerators

NEW! **Thermo Scientific** GPS Series lab refrigerators and freezers

Medium and large capacities designed for routine sample protection

With capacities ranging from space-saving 400 liters to spacious 1400 liters, our new GPS Series lab refrigerators and freezers meet the demands of today's laboratory requirements. All models contain sample protection features designed for the rigorous demands of the laboratory environment.

All GPS Series models deliver the sample protection performance, security and quality you have come to depend on from us:

- Integrated controller
- Digital display
- High and low temperature alarms
- Standard door locks
- Standard casters
- Choice of glass or solid door (refrigerators only)
- Automatic defrost
- Access ports
- CE marked



Ask your sales representative about
Thermo Scientific sample storage systems



All of our GPS Series lab refrigerators and freezers are fitted with standard door locks for peace-of-mind.

Our GPS Series' integrated digital controller with temperature display and high/low temperature alarms is easy-to-use and maintains the correct cabinet temperature.

Thermo Scientific GPS Series models come standard with access ports making integration of secondary monitoring systems simple.



Integrated digital controller

Standard door lock

Standard access port

Glass or solid door
(glass available on refrigerators only)

Standard casters

Thermo Scientific

ES Series lab refrigerators and freezers

SPECIFICATIONS TABLE AND ORDERING INFORMATION

Thermo Scientific ES Series Lab Refrigerators (Temperature Range: +1°C to +11°C)

Model No.	Capacity (Liters)	Voltage	Plug Type	Includes	Defrost Type
151R-AEV-TS	151	230V/50Hz	EU	3 shelves, 1 basket	automatic
151R-AEW-TS	151	230V/50Hz	UK	3 shelves, 1 basket	automatic
288R-AEV-TS	288	230V/50Hz	EU	5 shelves, 1 basket	automatic
288R-AEW-TS	288	230V/50Hz	UK	5 shelves, 1 basket	automatic

Thermo Scientific ES Series Lab Freezers (Temperature Range: -10°C to -30°C)

Model No.	Capacity (Liters)	Voltage	Plug Type	Includes	Defrost Type
151F-AEV-TS	151	230V/50Hz	EU	3 baskets	manual
151F-AEW-TS	151	230V/50Hz	UK	3 baskets	manual
232F-AEV-TS	232	230V/50Hz	EU	2 shelves, 3 baskets	manual
232F-AEW-TS	232	230V/50Hz	UK	2 shelves, 3 baskets	manual

Thermo Scientific ES Series Combination Lab Refrigerator/Freezer (Temperature Range Ref.: +1°C to +11°C, Frz: -10°C to -30°C)

Model No.	Capacity (Liters)	Voltage	Plug Type	Includes	Defrost Type
263C-AEV-TS	159 ref / 109 frz	230V/50Hz	EU	3 shelves, 2 half baskets / 1 shelf, 2 baskets (frz)	automatic (ref), manual (frz)
263C-AEW-TS	159 ref / 109 frz	230V/50Hz	UK	3 shelves, 2 half baskets / 1 shelf, 2 baskets (frz)	automatic (ref), manual (frz)

Thermo Scientific

GPS Series lab refrigerators and freezers

SPECIFICATIONS TABLE AND ORDERING INFORMATION

Thermo Scientific GPS Series Lab Refrigerators (Temperature Range: +1°C to +11°C)

Model No.	Capacity (Liters)	Voltage	Door Type	Plug Type	Includes	Defrost Type
R400-SAEV-TS	400	230V/50Hz	solid	EU	3 shelves	automatic
R400-SAEW-TS	400	230V/50Hz	solid	UK	3 shelves	automatic
R400-GAEV-TS	400	230V/50Hz	glass	EU	3 shelves	automatic
R400-GAEW-TS	400	230V/50Hz	glass	UK	3 shelves	automatic
R700-SAEV-TS	700	230V/50Hz	solid	EU	3 shelves	automatic
R700-SAEW-TS	700	230V/50Hz	solid	UK	3 shelves	automatic
R700-GAEV-TS	700	230V/50Hz	glass	EU	3 shelves	automatic
R700-GAEW-TS	700	230V/50Hz	glass	UK	3 shelves	automatic
R14X-SAEV-TS	1400	230V/50Hz	solid	EU	6 shelves	automatic
R14X-SAEW-TS	1400	230V/50Hz	solid	UK	6 shelves	automatic
R14X-GAEV-TS	1400	230V/50Hz	glass	EU	6 shelves	automatic
R14X-GAEW-TS	1400	230V/50Hz	glass	UK	6 shelves	automatic

Thermo Scientific GPS Series Lab Freezers (Temperature Range: -12°C to -25°C)

Model No.	Capacity (Liters)	Voltage	Door Type	Plug Type	Includes	Defrost Type
F400-SAEV-TS	400	230V/50Hz	solid	EU	3 shelves	automatic
F400-SAEW-TS	400	230V/50Hz	solid	UK	3 shelves	automatic
F700-SAEV-TS	700	230V/50Hz	solid	EU	3 shelves	automatic
F700-SAEW-TS	700	230V/50Hz	solid	UK	3 shelves	automatic
S14X-SAEV-TS	1400	230V/50Hz	solid	EU	6 shelves	automatic
S14X-SAEW-TS	1400	230V/50Hz	solid	UK	6 shelves	automatic



151R-AEV-TS / 151 Liter (ref)

151F-AEV-TS / 151 Liter (frz)

288R-AEV-TS / 151 Liters (ref)

232F-AEV-TS / 151 Liters (frz)

263C-AEV-TS / 159 Liters (ref), 109 Liters (frz)

Energy Consumption*	Internal Dimensions W x D x H (mm)	External Dimensions W x D x H (mm)	Shipping Weight kg (lbs)
0.6 kWh/day	500 x 450 x 705	595 x 610 x 845	65 (143)
0.6 kWh/day	500 x 450 x 705	595 x 610 x 845	65 (143)
0.5 kWh/day	480 x 445 x 1382	595 x 640 x 1565	90 (198)
0.5 kWh/day	480 x 445 x 1382	595 x 640 x 1565	90 (198)

Energy Consumption*	Internal Dimensions W x D x H (mm)	External Dimensions W x D x H (mm)	Shipping Weight kg (lbs)
1.5 kWh/day	500 x 450 x 705	595 x 610 x 845	65 (143)
1.5 kWh/day	500 x 450 x 705	595 x 610 x 845	65 (143)
1.0 kWh/day	437 x 430 x 1300	595 x 640 x 1565	90 (198)
1.0 kWh/day	437 x 430 x 1300	595 x 640 x 1565	90 (198)

Energy Consumption*	Internal Dimensions W x D x H (mm)	External Dimensions W x D x H (mm)	Shipping Weight kg (lbs)
0.9 kWh/day	457 x 450 x 725 ref / 408 x 415 x 670 frz	545 x 610 x 1675	95 (209)
0.9 kWh/day	457 x 450 x 725 ref / 408 x 415 x 670 frz	545 x 610 x 1675	95 (209)



R400-SAEV-TS / 400 Liters

R700-SAEV-TS / 700 Liters

R14X-SAEV-TS / 1400 Liters

F400-SAEV-TS / 400 Liters

F700-SAEV-TS / 700 Liters

F14X-SAEV-TS / 1400 Liters

Energy Consumption*	Internal Dimensions W x D x H (mm)	External Dimensions W x D x H (mm)	Shipping Weight (kg)
3.1 kWh/day	480 x 500 x 1150	600 x 600 x 1900	95
3.1 kWh/day	480 x 500 x 1150	600 x 600 x 1900	95
3.6 kWh/day	480 x 500 x 1150	600 x 600 x 1900	120
3.6 kWh/day	480 x 500 x 1150	600 x 600 x 1900	120
3.4 kWh/day	600 x 660 x 1300	790 x 860 x 1980	130
3.4 kWh/day	600 x 660 x 1300	790 x 860 x 1980	130
5.3 kWh/day	600 x 660 x 1300	790 x 860 x 1980	120
5.3 kWh/day	600 x 660 x 1300	790 x 860 x 1980	120
2.6 kWh/day	1300 x 660 x 1300	1400 x 800 x 1980	190
2.6 kWh/day	1300 x 660 x 1300	1400 x 800 x 1980	190
7.7 kWh/day	1300 x 660 x 1300	1400 x 800 x 1980	190
7.7 kWh/day	1300 x 660 x 1300	1400 x 800 x 1980	190

Energy Consumption*	Internal Dimensions W x D x H (mm)	External Dimensions W x D x H (mm)	Shipping Weight (kg)
10.1 kWh/day	480 x 500 x 1150	600 x 600 x 1900	95
10.1 kWh/day	480 x 500 x 1150	600 x 600 x 1900	95
10.6 kWh/day	600 x 660 x 1300	790 x 860 x 1980	130
10.6 kWh/day	600 x 660 x 1300	790 x 860 x 1980	130
12.0 kWh/day	1300 x 660 x 1300	1400 x 800 x 1980	200
12.0 kWh/day	1300 x 660 x 1300	1400 x 800 x 1980	200

* Internal performance data, data on file. January, 2012.

Also available for your cold storage applications



Thermo Scientific plastic and glass labware offer a complete range of tubes, bottles, flasks and vials for all of your cold storage applications. Our labware products are designed and manufactured for tough applications under rigorous laboratory conditions. For more information, visit www.thermoscientific.com/labwareandsupplies



Thermo Scientific Smart-Vue is a complete and simplified wireless monitoring solution to monitor critical samples stored inside your lab refrigerator or freezer. Smart-Vue monitor features audit trail traceability to assist with conformance to 21 CFR part 11 and other regulatory requirements while safeguarding critical samples. Smart-Vue is not available in all Radio Frequency (RF) regions; for more information, visit www.thermoscientific.com/smartvue.

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