

A scientist wearing a white lab coat, purple gloves, and safety glasses is working with a Thermo Scientific refrigerator. The refrigerator is open, revealing shelves with various laboratory supplies, including test tubes in a rack and several bottles. The scientist is holding a bottle of red liquid. The Thermo Scientific logo is visible on the top left of the refrigerator door.

thermo scientific

Thermo Scientific TSG Series Small Capacity Refrigerators

Innovative refrigeration solutions for
healthcare and research needs

ThermoFisher
SCIENTIFIC

Designed with you in mind

The Thermo Scientific TSG Series powered by Phononic[∞]™ solid state refrigeration technology, has been designed to meet the rigorous and demanding needs of healthcare, research and industrial applications where solid performance is required, in support of breastmilk and medication storage, analyzer kits and reagents, and even cell culture media.

The TSG Series brings cutting edge innovation into refrigeration by incorporating solid state technology in place of traditional refrigeration methods—this means that you are not only able to maintain the most demanding storage conditions but you also can enjoy increased storage capacity meaning you can get more done in less space. All while using less energy and putting almost no heat into the work environment.

The TSG Series is available in two sizes:

- TSG205 designed for countertop needs
- TSG505 designed for under-counter needs



Clear intuitive displays for precise temperature control

Model specific features:

- Remote alarm contacts on TSG505, supporting requirements of research for monitoring
- Datalogging and download capability on TSG205 via USB port to support clinical record management requirements

Warranty for both products is 5 years on the solid state refrigeration system and 2 years parts and labor

Key features of both models:

- Solid state refrigeration technology
- Whisper quiet operation leading to a more comfortable work environment supporting clinical and healthcare needs
- Increased capacities due to fewer refrigeration components means you can store more in less space
- Energy Star rated performance meaning lower operating costs
- Green refrigerants supporting global initiatives to reduce green house gas emissions
- Full alarm set, including hi/lo temperature, door ajar and power fail to support requirements for medical storage

Product Specifications

Thermo Scientific TSG505 series small capacity undercounter refrigerator

Model No.	Settable Range	Capacity cu. ft. (liters)	Electrical	Plug Type*	Doors	Shelves	Defrost	Sound Level	Certifications	Interior Dimensions: (D x W x H)	Exterior Dimensions: (D x W x H)	Shipping Weight lbs. (kg)
TSG505SA TSG505SD	+2°C to +9°C	5.5 (156)	100 - 240v, 50/60hz	NEMA 5-15 NEMA 6-15	1, Solid	3	Auto	43 dBA	UL, CE, REACH, RoHS	20.5 x 19.5 x 23 in. (520 x 495 x 584 mm)	26.9 x 23.6 x 32 in. (684 x 600 x 813 mm)	128 (58)
TSG505GA TSG505GD	+2°C to +9°C	5.5 (156)	100 - 240v, 50/60hz	NEMA 5-15 NEMA 6-15	1, Glass	3	Auto	43 dBA	UL, CE, REACH, RoHS	20.5 x 19.5 x 23 in. (520 x 495 x 584 mm)	26.9 x 23.6 x 32 in. (684 x 600 x 813 mm)	145 (66)



TSG505G

Designed for the following industries



Diagnostic Kits & Reagents



Molecular Biology



Vaccines & Pharmaceuticals



Clinical Testing



Industrial testing



TSG505S

Thermo Scientific TSG205 series small capacity countertop refrigerator

Model No.	Settable Range	Capacity cu. ft. (liters)	Electrical	Plug Type*	Doors	Shelves	Defrost	Sound Level	Certifications	Interior Dimensions: (D x W x H)	Exterior Dimensions: (D x W x H)	Shipping Weight lbs. (kg)
TSG205SA	+2°C to +8°C	1.8 (156)	120v, 60hz	NEMA 5-15	1, Solid	3	Auto	42 dBA	UL, CE,	12.2 x 14.3 x 18.4 in. (310 x 363 x 467 mm)	22.1 x 20.5 x 18.4 in. (561 x 521 x 467 mm)	83 (38)



Designed for the following industries



Vaccines & Pharmaceuticals



Clinical Testing



Diagnostic Kits & Reagents

Customer Installed Accessories

For use with refrigerator size	1.8 cu. ft. (50.9L)	5.5 cu. ft. (156L)
Description	Model no.	Model no.
Rolling Wire Basket		WB05
Additional Wire Shelf		WS05
8.5" Roller Base w/Casters	RB02	
Pyxis Lock Bracket-Top Mount	PA02	
Omniceil Flexlock adapter	OF02	



Smart Tracker wireless monitoring device



Capitol Vial Snappies™ Breast Milk Container System



Thermo Scientific Samco Clicktainer Vials and specimen containers



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

