ThermoFisher SCIENTIFIC



Cold storage

TSE Series Laboratory Refrigerators and Freezers

Cold storage for everyday essentials

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Cold storage essentials built for reliability

Thermo Scientific™ TSE Series laboratory refrigerators and freezers deliver dependable performance for non-critical, day-to-day storage in laboratory environments. With digital temperature control and practical configurations including undercounter, stackable, and upright single-door models, these units provide easy access to frequently used supplies. Ideal for routine workflows, the TSE Series offers economical cold storage while maintaining the essential performance laboratories expect.

Thermo Scientific™ TSE1220FV



Thermo Scientific™ TSE1205GV

Built for ease of use

TSE Series refrigerators and freezers are designed for simple, intuitive operation. Plug-and-play installation with installed casters helps you begin using your equipment quickly, and digital controls offer clear access to temperature settings and alarms. Daily operation is whisper-quiet allowing your lab to focus on its work.

Built to support your lab

The TSE Series is available in a range of configurations to meet the needs of many laboratory spaces. Choices include undercounter units, stackable models, and upright single-door refrigerators and freezers. Whether you require a space-saving design or routine-use storage, the TSE Series helps you select the right cold storage solution for your workflows and your budget.



Glass door refrigerators

TSE Series glass door refrigerators offer enhanced visibility for routine laboratory use. Bright interior lighting and a clear glass door make it easy to check inventory at a glance. With digital temperature control and a range of practical sizes, these units support everyday access to frequently used supplies while providing economical performance.

- Three convenient sizes ranging from 77 litres to 564 litres
- Factory setpoint +5°C
- Digital controller with clear display
- Bright interior LED lighting
- Temperature and door ajar visual alarms
- Access port
- Keyed door lock
- 2 year parts and labor warranty



TSE Series glass door lab refrigerators

Model No.	Temp. range (set point)	Capacity cu. ft. (litres)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H cm	Exterior dimensions D x W x H cm	Shipping weight lbs. (kg)
TSE0405GV	1-10°C (5°C)	3 (77)	230V, 50Hz (CEE 7/7)	1 Glass	2	Automatic	CE	50.8 x 49 x 62	66.8 x 59.5 x 83.3	127.8 (58)
TSE1205GV	1-10°C (5°C)	9.4 (266)	230V, 50Hz (CEE 7/7)	1 Glass	5	Automatic	CE	50.8 x 49 x 159.5	66.8 x 59.5 x 190	218 (99)
TSE2205GV	1-10°C (5°C)	20 (564)	230V, 50Hz (CEE 7/7)	1 Glass	4	Automatic	CE	70 x 59.6 x 150.5	88.1 x 71.1 x 202.4	335 (146)

Solid door refrigerators

TSE Series solid door refrigerators deliver enhanced durability and light protection, ensuring a consistent environment for everyday storage. Offered in multiple sizes and ready to use out of the box, they provide economical, dependable performance for day-to-day workflows.

- Three convenient sizes ranging from 77 litres to 564 litres
- Factory setpoint +5^0 C
- Digital controller with clear display
- Temperature and door ajar visual alarms
- Access port
- Keyed door lock
- 2 year parts and labor warranty



TSE Series solid door lab refrigerators

Model No.	Temp. range (set point)	Capacity cu. ft. (litres)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H cm	Exterior dimensions D x W x H cm	Shipping weight lbs. (kg)
TSE0405SV	1-10°C (5°C)	3 (77)	230V, 50Hz (CEE 7/7)	1 Solid	2	Automatic	CE	49 x 48.3 x 62	64.3 x 59.4 x 83.3	114 (52)
TSE1205SV	1-10°C (5°C)	9.4 (266)	230V, 50Hz (CEE 7/7)	1 Solid	5	Automatic	CE	48.3 x 49 x 159.5	64.5 x 59.5 x 190	192 (87)
TSE2205SV	1-10°C (5°C)	20 (564)	230V, 50Hz (CEE 7/7)	1 Solid	4	Automatic	CE	70 x 59.6 x 150.5	88.1 x 71.4 x 202.4	317 (144)

Freezers

Preset to –20°C, TSE auto-defrost freezers provide simple operation and dependable performance for routine laboratory workflows. Available in a variety of sizes, they offer economical cold storage suited for daily use while maintaining essential, reliable performance.

- Three convenient sizes ranging from 77 litres to 564 litres
- Factory setpoint -20°C
- Digital controller with clear display
- Temperature and door ajar alarms
- Access port
- Keyed door lock
- 2 year parts and labor warranty



TSE Series Freezers

Model No.	Temp. range (set point)	Capacity cu. ft. (litres)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H cm	Exterior dimensions D x W x H cm	Shipping weight lbs. (kg)
TSE0420FV	-15 to -25°C (-20°C)	3 (77)	230V, 50Hz (CEE 7/7)	1 Solid	2	Automatic	CE	49 x 48.3 x 62	64.3 x 59.4 x 83.3	115 (52)
TSE1220FV	-15 to -25°C (-20°C)	9.4 (266)	230V, 50Hz (CEE 7/7)	1 Solid	5	Automatic	CE	48.3 x 49 x 159.5	64.5 x 59.5 x 190	194 (88)
TSE2220FV	-15 to -25°C (-20°C)	20 (564)	230V, 50Hz (CEE 7/7)	1 Solid	4	Automatic	CE	70 x 59.6 x 150.5	88.1 x 71.4 x 202.4	335 (152)

Combination units

TSE Series combination units create a compact, space-saving cold storage solution for laboratories with limited room or a need for stacked configurations. Undercounter refrigerators and freezers can be paired with a purpose-built stacking kit, and units are available with either glass or solid refrigerator doors. These systems offer versatile, economical performance for routine workflows that require both refrigerated and frozen storage.

- Easy to install stacking kit – can be purchased as an accessory
- Available in glass or solid-door refrigerators
- 154 litres stacked capacity
- Freezer factory setpoint -20°C
- Refrigerator factory setpoint +5°C
- 2 year parts and labor warranty



TSE Refrigerator & freezer combination units

Model No.	Temp. range (set point)	Capacity cu. ft. (litres)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H cm	Exterior dimensions D x W x H cm	Shipping weight lbs. (kg)
TSE08CGV*	1-10°C (5°C) / -15 to -25°C (-20°C)	3 (77) + 3 (77)	230V, 50Hz (CEE 7/7)	1 Glass (Ref) / 1 Solid (Frz)	2,2	Automatic		50.8 x 49 x 62	66.7 x 59.5 x 166.6	118 (53)
TSE08CSV*	1-10°C (5°C) / -15 to -25°C (-20°C)	3 (77) + 3 (77)	230V, 50Hz (CEE 7/7)	1 Solid (Ref) / 1 Solid (Frz)	2,2	Automatic		48.3 x 49 x 62	64.5 x 59.5 x 166.6	118 (53)

*Requires Stacking Kit Accesory: 507548-SK

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Find out more at **thermofisher.com/valueplus**

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