

TSX Series High-Performance Auto Defrost –30°C Freezers



Our high-performance laboratory freezers are designed for applications requiring storage of reagents, pharmaceuticals, biological and other commonly used laboratory materials such as primers, siRNA molecules and fetal bovine serum (FBS).

- Forced-air circulation for temperature uniformity and fast temperature recovery
- Non-invasive defrost with time and temperature guided cycle
- GMP Clean Room Class A / ISO 6 (ISO EN 14644-1) compatible with appropriate pre-install preparation
- Four 2" casters for easy mobility; the front two are lockable
- Self-closing door with 90° stop to assist with inventory loads
- See pages 14–21 for options and accessories



Thermo Scientific™
TSX 50 cu ft
freezer



Thermo Scientific™
TSX 12 cu ft
freezer

TSX Series high-performance auto defrost –30°C freezers

Model no.	Temp. range (setpoint)	Capacity cu. ft. (liters)	Electrical (plug)	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H in. (cm)	Exterior dimensions D x W x H in. (cm)	Shipping weight lbs. (kg)
TSX1230FA	-35° to -15°C (-30°C)	11.5 (326)	115V, 60Hz (NEMA 5-15)	1 solid	4	auto	UL, cUL	21.8 x 20.0 x 52.4 (55.4 x 50.8 x 133.1)	31.1 x 24.0 x 73.0 (79.0 x 61.9 x 185.4)	335 (152)
TSX1230FD			208-230V, 60Hz (NEMA 6-15)							335 (152)
TSX2330FA	-35° to -15°C (-30°C)	23.3 (659)	115V, 60Hz (NEMA 5-15)	1 solid	4	auto	UL, cUL	28.5 x 24.0 x 58.0 (72.3 x 61.0 x 147.3)	37.9 x 28.0 x 78.5 (96.2 x 71.1 x 199.4)	423 (192)
TSX2330FD			208-230V, 60Hz (NEMA 6-15)							402 (182)
TSX3030FA	-35° to -15°C (-30°C)	29.2 (827)	115V, 60Hz (NEMA 5-15)	1 solid	4	auto	UL, cUL	28.5 x 30.0 x 58.0 (72.3 x 76.2 x 147.3)	37.9 x 34.0 x 78.5 (96.2 x 86.4 x 199.4)	439 (199)
TSX3030FD			208-230V, 60Hz (NEMA 6-15)							439 (199)
TSX5030FA	-35° to -15°C (-30°C)	51.1 (1447)	115V, 60Hz (NEMA 5-15)	2 solid	8	auto	UL, cUL	28.5 x 52.5 x 58.0 (72.3 x 133.4 x 147.3)	37.9 x 56.5 x 78.5 (96.2 x 143.5 x 199.4)	621 (282)
TSX5030FD			208-230V, 60Hz (NEMA 6-15)							621 (282)