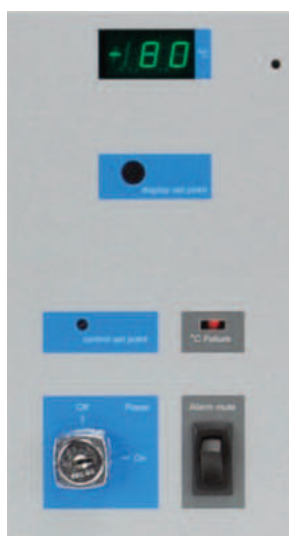


# Thermo Scientific -80°C Benchtop Freezers

Ultra-low temperatures in a ultra-compact size for clinical trial and other applications.



### Benchtop design

- Ideal for personal or clinical trial applications, our benchtop freezer offers a full 1 cu. ft. (28L) capacity

### Operating temperatures

- Temperature range: -50°C to -80°C
- Air-cooled refrigeration systems are engineered to maintain design temperatures in warm 32°C ambient conditions

### Control system

- Solid-state control system with adjustable temperature setpoint
- Digital temperature display resolution to 1°C
- Push-button setpoint display
- Key-operated main power switch

### Alarm system

- Integrated preset over-temperature safety alarm with battery back-up and audible warning of temperature deviation
- Exterior alarm contacts for connection to remote monitoring system

### Cabinet construction

- Compact, 25.5"D x 30.75"W (64.77 x 78.11 cm) footprint
- Industrial-grade hermetically sealed refrigeration compressors
- 4" (10.2 cm) foamed-in-place, CFC-free urethan insulation to protect product against high ambient conditions
- All-steel cabinet with high-impact epoxy finish for easy cleaning
- Heavy-duty counter-balanced lid with key lock
- Thermal interior sublid

## Thermo Scientific -80°C Benchtop Freezers

Model No.	Capacity cu. ft. (L)	Electrical	Amps/Breaker (Plug)	Interior Dimensions H x D x W in. (cm)	Exterior Dimensions H x D x W in. (cm)	Shipping Weight lbs. (kg)
ULT-185-5-A	1 (28)	115 V, 60 Hz 1Ø	16/20 (NEMA 5-20)	9.6 x 12 x 15.3 (24.5 x 30.5 x 38.7)	20 x 25.5 x 30.75 (50.8 x 64.77 x 78.11)	190 (86)
ULT-185-5-V		230 V, 50 Hz 1Ø	12/15 (European)			

### Optional Chart Recorders

Model No.	Description
<b>Chart Recorder: 6" (15 cm), 7-Day Circular, Inkless</b>	
6183-6A185	Factory installed, built-in chart recorder, 115V / 60Hz
6183-6V185	Factory installed, built-in chart recorder, 230V / 50Hz
6383-5A	Field installed,* free-standing chart recorder, 115V / 60Hz
6383-5V	Field installed,* free-standing chart recorder, 230V / 50Hz, EU plug
6383-5W	Field installed,* free-standing chart recorder, 230V / 50Hz, U.K. plug
7289	Chart recorder paper (package of 50, temp. range: 0°C to -200°C)

### Optional Thermo Scientific Smart-Vue Wireless Monitoring Solution

Don't let a mechanical or power failure ruin your precious samples. Our optional Smart-Vue™ wireless monitoring solution safeguards sample integrity by continuously monitoring critical parameters and securely logging data to give you peace of mind. This wireless solution features audit trail traceability to assist with conformance to 21 CFR part 11, and other regulatory requirements.

- Intelligent plug and play simplicity
- Intuitive dashboard
- Flexible operation
- Precise monitoring
- Data traceability and security
- Numerous configuration capabilities
- Central monitoring system – scalable

[www.thermoscientific.com/smart-vue](http://www.thermoscientific.com/smart-vue)

### Optional Accessories

Model No.	Description
<b>2" Boxes (5 cm), 5" x 5" (12.7 x 12.7 cm)</b>	
5954	Fiberboard cryo box, 2" high, 12 qty, 0 dividers
820002	Fiberboard cryo box, 2" high, 1 qty, 81 dividers
820109	Fiberboard cryo box, 2" high, 1 qty, 100 dividers
<b>3" Boxes (8 cm), 5" x 5" (12.7 x 12.7 cm)</b>	
5956	Fiberboard cryo box, 3" high, 12 qty, 0 dividers
820003	Fiberboard cryo box, 3" high, 1 qty, 81 dividers
<b>Fiberboard Grid Dividers</b>	
5958	12 qty, 10 x 10, 0.49" cell, holds 100 12mm vials
820100	1 qty, 10 x 10, 0.49" cell, holds 100 12mm vials
6212	12 qty, 9 x 9, 0.54" cell, holds 81 13mm vials
820081	1 qty, 9 x 9, 0.54" cell, holds 81 13mm vials
5960	12 qty, 8 x 8, 0.61" cell, holds 64 14mm vials
820064	1 qty, 8 x 8, 0.61" cell, holds 64 14mm vials
5959	12 qty, 7 x 7, 0.7" cell, holds 49 16mm vials
820049	1 qty, 7 x 7, 0.7" cell, holds 49 16mm vials
820025	1 qty, 5 x 5, 0.98" cell, holds 25 vials
820016	1 qty, 4 x 4, 1.22" cell, holds 16 vials
<b>Cryo Gloves</b>	
4425C	Cryo gloves, medium
4426C	Cryo gloves, large



\* Must be installed by a qualified professional.

[www.thermoscientific.com/cold](http://www.thermoscientific.com/cold)

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**Australia** +61 39757 4300  
**Austria** +43 1 801 40 0  
**Belgium** +32 53 73 42 41  
**China** +86 21 6865 4588 or +86 10 8419 3588  
**France** +33 2 2803 2180  
**Germany national toll-free** 0800 1 536 376  
**Germany international** +49 6184 90 6000

**India toll free** 1800 22 8374  
**India** +91 22 6716 2200  
**Italy** +39 02 95059552  
**Japan** +81 45 453 9220  
**Netherlands** +31 76 579 55 55  
**New Zealand** +64 9 980 6700  
**Nordic/Baltic/CIS Countries** +358 9 329 10200

**Russia** +7 812 703 42 15  
**Spain/Portugal** +34 93 223 09 18  
**Switzerland** +41 44 454 12 22  
**UK/Ireland** +44 870 609 9203  
**USA/Canada** +1 866 984 3766 (866-9-THERMO)

**Other Asian Countries** +852 2885 4613  
**Countries not listed:** +49 6184 90 6000

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