

SPARK PROOF FREEZERS

(-18°C)

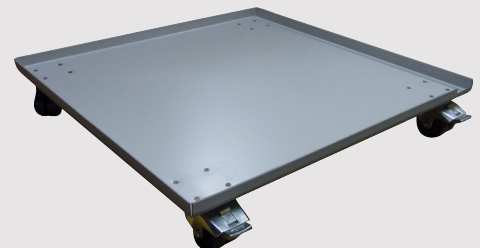
Image: TF-180-SP shown with stand to raise freezer cabinets to a minimum of 300mm above the floor.

Note: Only the interior is spark proof.



Spark Proof Laboratory Freezers

- All electrical parts and controls are outside working space
- Natural gravity convection air movement
- Manual defrost
- Solid state electronic display
- Freezing coils positioned above each draw/bin compartment
- Fixed position pull out PVC drawers/bins
- Solid access door with magnetic gasket
- Microprocessor controller with built in error codes
- Optional alarm contacts available



A specially designed mobile tray which fits under the freezer to allow the unit to be moved easily from one place to another.

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 **Thermoline**
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PRODUCT DETAILS

These freezer models are completely spark free on the inside (all internal electrical components have been removed) and have been specifically designed to allow for the safe storage of volatile samples. Volatile samples are considered unsafe for storage in standard freezers as any spark formed by components within the freezer can ignite fumes or the sample itself. The refrigeration compressor is fitted with a unique 'spark proof start mechanism' should any flammable vapours be present outside the refrigerator at floor level.

In reference to AS/NZS60079.10:2004 for zoning of hazardous areas:

For zone 2 classification it is recommended that a refrigerator or freezer be located 300mm above floor level. The model TRF-SP stand suits all spark proof refrigerator and freezer models offered to raise them to a minimum of 300mm above the floor as required.

Optional Accessories
External connection for BMS (in-house building management system)
Specially designed mobile tray for easy moving of cabinets
Stand to raise the cabinet 300mm above the floor

SPECIFICATIONS

Model	TF-90-SP	TF-181-SP
Capacity (litres)	90	181
Temperature Range	-18 °C	
Storage Containers	4 clear plastic	6 clear plastic
External Dimensions (HxWxD mm)	870x540x600	1440x545x570
Internal Dimensions (HxWxD mm)	650 / 430x400x400	1240x405x380
External Material	White enamel	
Internal Material	White PS	
Electrical	240V 50Hz, 4A	
Weight (kg)	40	60

Thermoline Scientific have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

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