



LABORATORY FREEZERS



Thermoline
S C I E N T I F I C

ECONOMY LABORATORY FREEZER

(-15°C TO -20°C)

(Image: TF-90-SP)



Economy Laboratory Freezer

Static Defrost -20°C Freezer with Digital Temperature Control

- Fitted with digital controller
- High and low alarms standard
- Manual defrost (no defrost cycle)
- Key lockable doors
- Easy installation - plug in and set temperature
- Internal spark proof design

Note: Only the interior is spark proof under normal operation.

Economy style freezer ideal for samples requiring storage at -20°C. This model is fitted with a digital controller, which has high and low alarms, and is supplied standard with manual defrost (manual defrost ensures the temperature remains stable during operation). Shelves are in a fixed position and clear plastic storage containers are supplied.

Image right: Internal clear plastic slide out drawers for safe storage.



Featured Accessories

External connection for BMS (in-house building management system)

SPECIFICATIONS

Model	TF-90-SP
Capacity (litres)	90
Type	Upright
Temperature Range	-15 °C to -20 °C
Storage	4 clear plastic containers
External Dimensions (WxDxH mm)	550x560x860
Internal Dimensions (WxDxH mm)	380x390/220x640
External Material	White enamel
Internal Material	White anodized inner lining
Electrical	240V 50Hz, 4A
Weight (kg)	40



This model features an internal spark proof design. The spark proof design ensures volatile materials can be safely stored inside the freezer.

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 at floor level.

Picture left: A specially designed 300mm high stand keeps electronic components off the ground

ECONOMY UPRIGHT FREEZER

(-20°C TO -30°C)

(Image: ALUF-370-SP)



Economy Upright Freezer

Static Defrost -20°C to -30°C Freezer with Digital Temperature Control

- One economy style upright freezer
- Fitted with digital controller
- High and low alarms standard
- Manual defrost (no defrost cycle)
- Key lockable doors standard
- Fixed position shelves
- Easy installation - plug in and set temperature
- Internal spark proof design

Note: Only the interior is spark proof under normal operation.



This 370 litre manual defrost upright freezer is ideal for laboratories keeping samples at a constant temperature between -20°C and -30°C. This particular model has six refrigerated fixed shelves, each approximately 200mm apart. These refrigerated shelves help keep the temperature variation minimal from top to bottom even when fully loaded.

The temperature is displayed and controlled by a digital controller located on the front of the cabinet. This controller has audible and visual 'high' and 'low' alarms plus allows for BMS (building management system) connection if required by the user.

The interior of this freezer is also classified as 'spark free' as it does not have any wiring (such as a thermostat or light) which could ignite any vapours from hazardous materials which may be stored inside.

Castors are provided on the unit to ensure easy moving and front lock down feet help keep the cabinet stable when opening and closing the front door.

The front door is lockable to keep any samples safe should the freezer be left unattended. This freezer is well designed, reliable and economical making it one of our most popular models yet.

Featured Accessories

External connection for BMS (in-house building management system)

SPECIFICATIONS

Model	ALUF-370-SP
Capacity (litres)	370
Temperature Range	-20 °C to -30 °C
Storage Containers	none
External Dimensions (HxWxD mm)	1940x600x640
Internal Dimensions (HxWxD mm)	1530x475x440
External Material	White enamel
Internal Material	White plastic
Electrical	240V 50Hz, 4A
Weight (kg)	65

PREMIUM LABORATORY FREEZERS

(-15°C TO -20°C/-30°C)

(Image: TUF-950-30-2-SD)



Premium Laboratory Freezers with Auto Defrost

Auto Defrost Premium -20°C and -30°C Freezer with Digital Temperature Control

- Internal forced air flow
- Digital temperature display with high and low temperature alarms
- Maximum and minimum temperature logging
- BMS (Voltage free contacts allow connection for remote monitoring of alarms)
- Cable/monitoring port hole
- Door ajar alarm
- Self closing doors with key locks
- Frost free operation
- Adjustable/removable shelves
- Castors fitted for easy moving



PRODUCT DETAILS

Product Features

Auto-Defrost feature means no more messy defrosting during critical times

Fully adjustable open wire shelving (additional shelving available)

Self closing front door/s

Fan forced air distribution ensures even temperatures throughout the cabinet

Added benefit of digital control with indication of internal conditions

Safety Features

Alarms fitted with BMS contacts

Lockable castors

Optional Accessories

TCR-115, 7 Day circular chart recorder

Dialler to call programmed numbers when alarms are activated

Touchscreen and alarm package with battery backup

SPECIFICATIONS

Model	TUF-360-30-1-SD	TUF-520-30-1-SD	TUF-950-30-2-SD
Internal Dimensions (WxDxH mm)	580x560x990	580x560x1460	1120x560x1460
External Dimensions (WxDxH mm)	720x720x1550	720x720x2000	1230x720x2000
Temp. Range With Solid Door (SD)	-15°C to -30°C		
Temp. Range With Glass Door (GD)	n/a	-15°C to -20°C	n/a
Capacity (litres)	360	520	950
Shelves	3	4	4 Levels
Electrical	4A	4A	4A
Weight (kg)	120	150	380

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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