

BLOOD STORAGE REFRIGERATORS

(+4°C)

Image: DME 0140-40 and DME 0400-180
Shown with standard chart recorder and alarm auto test button.



Fiocchetti Blood Storage Refrigerators

- Slideout aluminium drawers which have height adjustment
- Double glazed door (reversible to suit your location)
- Lockable self closing door/s
- Internal light
- Automatic condensate disposal
- BMS contacts to connect to a Building Management System
- 7 day chart recorder

Complies with the following standards:

- CEI EN 61010-1
- AS 3864-1997
- TGA Listed (ARTG 167698)
- ISO 13485 Medical Devices Standard
- CE Certified

Head Office Phone (02) 9604 3911
Head Office Fax (02) 9725 1706

Email info@thermoline.com.au
Web www.thermoline.com.au

PRODUCT DETAILS

Thermoline are now offering the Fiocchetti Emoteca range of blood bank refrigerators. There are seven models available ranging from 40 to 672 bag capacities. It is important to know that equipment used to store blood and blood derived products is subject to strict regulations and therefore must be certified for use. These regulations are to ensure that all equipment features the correct temperature control and monitoring devices, high and low temperature alarms plus temperature logging features so blood can be stored and monitored safely.

The Fiocchetti blood storage refrigerators comply with all local and international 'medical device' regulations making them an ideal option for hospitals and medical centres across Australia.

The Emoteca range features the latest controller technology with backlit alphanumeric LCD display and many unique functions including an advanced defrosting feature that allows efficient defrosting cycles which reduces temperature variations and power consumption.

Blood storage refrigerators with twin refrigeration systems for added security are also available.



Sliding aluminium drawers can be used in the Superartic range which allow for the easy storage and retrieval of frozen samples. The drawers are extractable on telescopic guides, are adjustable in height and also have moveable dividers. Each drawer can be completely removed should more room be required within the cabinet. The base of the drawers is made with open wire mesh to ensure air circulation throughout the cabinet is maintained.

System Check

A simple 'system test' can be made by pressing and holding the 'test' button on the front panel. This will test the backup battery, signalling buzzer, audible and visual alarms and simulate a door open alarm.

Anti-Mist Lockable Front Doors

All cabinets have an anti-mist front glass door which is manufactured from triple thermal insulated glass. High capacity fully insulated doors are used which help to maintain the set temperature inside the cabinet. A magnetic PVC gasket helps to keep the door securely closed and prevent cold air escaping. When the door is opened, a micro switch automatically stops the circulating fan and turns on the internal light. Key lockable doors are supplied with each cabinet to keep your products safe should you leave the refrigerators unattended.

Advanced Defrosting System

These refrigerators feature an advanced defrosting system which is only operated when necessary and it not on pre-set cycle times. This will reduce power consumption and increase stability and uniformity of internal temperatures.

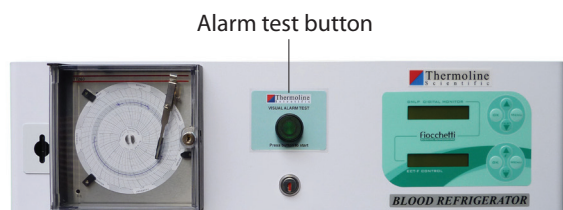
Optional Low and High Alarm Tests

The monitoring devices on the Fiocchetti Plasma Storage Freezers can be easily tested using a simple 'push button' test developed by Thermoline. This test will activate the low and high alarms on the refrigerator. The results will be recorded and displayed on the chart recorder fitted to the cabinet. This feature will eliminate manual testing which requires users to remove the temperature sensor and submerge it in an ice slurry to rapidly decrease the temperature (activating the low temperature alarm), then warm the sensor by placing it in a cup of warm water to increase the temperature (activating the high temperature alarm).

There is one easy and effective recording option available:

Image Right: 7 Day / 115cm circular chart recorder with temperature range band. 100charts supplied. Battery backed up.

Order Code: T-AT



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PRODUCT DETAILS

Image: DME 1500-672



Solid Construction

The cabinet is constructed internally and externally from white colorbond steel, has rounded back corners and a dished bottom. Heavy duty castors are used to keep the refrigerators stable when they are being moved. Cabinets constructed with stainless steel internal and external are available at an extra cost.

Safety Features

Refrigeration overload protection

Over current protection

SPECIFICATIONS

Model	Bag Capacity (500ml)	Capacity (litres)	Temperature Range	External Dimensions (HxWxD mm)	Drawers	Weight (kg)
DME 0140-40	40	140	+4°C	1020x520x670	2	60
DME 0170-90	90	170		1290x600x660	3	90
DME 0250-156	156	250		1530x600x780	4	100
DME 0400-180	180	400		1960x600x660	5	160
DME 0700-336	336	700		2050x720x830	7	300
DME 1500-672	672	1500		2050x1440x820	14	395

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PRODUCT DETAILS

Image: DME 700 TWIN-336 and DME 1500 TWIN-672



The Emoteca Twin series are similar to the Emoteca range detailed on page R-5, however they feature twin refrigeration systems for added security. This twin system works with two autonomous cooling circuits which alternate during normal operation cycles to maintain the set temperature.

In case of temperature alarm and/or functional failure there is an automatic switch over of the two circuits.

Safety Features

Refrigeration overload protection

Over current protection

Optional Accessories

T-AT : Automatic one push of a button procedure to raise and lower the sensor temperature to test the high/low alarms.

SPECIFICATIONS

Model	Bag Capacity (500ml)	Capacity (litres)	Temperature Range	External Dimensions (WxDxH mm)	Drawers	Weight (kg)
DME 0700 TWIN-336	336	700	+4°C	2050x720x830	7	300
DME 1500 TWIN-672	672	1500		2050x1440x820	14	395

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.

We're proud to say that we are 100% Australian owned and operated.

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