



Plasma Freezers

A range of Laboratory Chest Freezers designed and manufactured to meet current and proposed guidelines for the safe storage of Fresh Frozen Plasma.

The integrated monitoring system provides a historic record of product conditions, together with real-time protection against mains failure and unexpected rises in temperature.

The refrigeration system cycles to maintain a simulated product temperature of -40°C although the absolute minimum will approach -50°C if the thermostat is overridden.



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SPECIFICATION

The cabinet is fabricated from mild steel, coated with an oven hardened acrylic finish. The "easy lift" lid is lockable and provides full access to the interior. The inner chamber is fabricated from hygienic, corrosion resistant aluminium. Locking castors allow the cabinet to be easily moved for cleaning access.

Thermal insulation is provided by 90mm of polyurethane foam which, together with an energy efficient compressor, provides the optimum cooling system with maximum hold time in case of power failure.

The CIRCULAR CHART RECORDER has a 7 day cycle and includes the critical range of -50°C to 0°C thus showing clearly any deviations from temperature specification. The low voltage drive mechanism ensures continued recording even during mains power failure.

The DIGITAL THERMOMETER / SAFETY THERMOSTAT is totally independent of the main controller and can be user set to alarm at a simulated product temperature of, for example, -30°C.

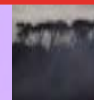
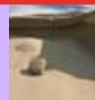
The MAINS FAIL ALARM is battery backed and features both 'test' and 'audible inhibit' switches. An integral constant current charger maintains the battery condition at all times.



Model	D39 PLAS	D59 PLAS
External (H x W x D)	930 x 1010 x 720mm	930 x 1550 x 720mm
Capacity	200 litres	310 litres
Operating temperature	-40°C ±3°C	-40°C ±3°C
Safety	battery backed mains fail audio/visual over temp. lockable lid	
Recorder	Circular - 7 day	
Electrical Supply	240V 2.5A running	
Weight	67Kg	88Kg

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VINDON SCIENTIFIC LIMITED

Kiln Green, Diggle, OLDHAM, Lancashire, OL3 5JY England

Tel: 01457 876616 Fax: 01457 871355

internet: www.vindon.co.uk email: info@vindon.co.uk