



Medium sized controlled rate freezer

Kryo 560

A gold standard in the cryopreservation of bone marrow, cord blood and cells, the Kryo 560 is the tool of choice to ensure the best possible clinical outcome.

Whether you wish to freeze 2,900 straws or 48 PALL bags, the Kryo 560 provides a reliable, robust solution.

This top opening programmable freezer is simple to programme and operate, but flexible enough to offer multiple protocols.

Batch freezing is possible using our DeltaT software. Large sample numbers can be deposited in different machines with the subsequent freezing profile for all samples being displayed on the same graph.

Want to optimise freezing profiles? enquiries@Planer.com

Information is displayed and can be printed via the integral printer.

Security and safety is of paramount importance. There is password controlled multiple level user access, plus safety features to protect against power and PC failure.

- Flexibility – accommodates straws, vials or blood bags
- User assurance – an approved and proven Medical Device
- QA – internal support with password protection, reporting and temperature graphs
- Scalable – option to control multiple chambers via one interface (batch freezing)
- Post thaw viability up by 20% compared to non-dynamic freezing methods



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SYSTEM SPECIFICATION	
Range	+30°C to -180°C
Heating rate	0.01°C/min to 10°C/min
Cooling rate	-0.01°C/min to -50°C/min
Controller accuracy	±(0.3 + 0.005 x TM)°C (where TM is the magnitude of the temperature)
Storage temperature	-10 °C to +50 °C
Storage humidity	5 % to 95 % relative humidity non-condensing
Operating temperature	5 °C to 40 °C
Operating humidity	5 % to 90 % relative humidity non-condensing
CONTROLLER SPECIFICATION	
Dimensions	80 mm high x 220 mm wide x 350 mm deep
Weight (approx.)	2.6 kg
Display	240 x 64 LCD with CCFL backlight
Printer	320/640 dot thermal printer
Keypad	20 key membrane keypad
Programmable Cooling Rate Range	-0.01 °C/min to -99.9 °C/min
Number of profiles	10
Steps per profile	32
Number of stored runs	5
CHAMBER SPECIFICATION	
Weight (kg) (approx)	23 kg
Capacity	16 litres
Chamber dimensions	350mm high x 230mm wide x 230mm deep
0.25 ml straws	2904 on canes or 456 on racks
0.5 ml straws	968 on canes or 456 on racks
Vials	784 x 1.0ml - 2.0ml or 244 x 5.0ml
50ml blood bags	22
250ml - 500ml blood bags	11
PALL Bags	22
Power requirements (including MRV Controller)	115V~ 50/60Hz 1500VA / 230V~ 50/60Hz 1500VA
RECOMMENDATION OF ADDITIONAL EQUIPMENT	
5 psi System	System Pump - LNP4-C
	System Dewar - MVLAB 30 or GDPB35
22 psi System	System Cylinder - MVEUROCYL230SB
	Phase Separator - MVPHASE
22 psi System (alternative)	Vacuum Jacketed Pipe Work System

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