

# PeetLab

Model MO 100 /218/ 328 /388 /538/ 668/ 768/ 828



**-86°C Low temperature freezer**

The Ultra-low Temperature Freezer offers a wide variety of research and storage applications, such as low temperature scientific experiments, preservation of plasma, biomaterial, tunny, biological product, and testing low-temperature-resistant properties of military product. It is suitable for blood bank, hospitals, sanitation and antiepidemic, sanitation, research institutes, electronic industries, university laboratories, military industries, pelagic fishery companies.

## Control System

Microprocessor-based temperature controller,  $-10^{\circ}\text{C} \sim -86^{\circ}\text{C}$  can be set freely, controlling precision is  $1^{\circ}\text{C}$ , Digital temperature display.

Keyboard lock and password protected configuration page, Delayed start and safe stop interval between restart and being terminated

Audible and visual alarm: High or low temperature alarm, Power failure alarm, Low battery alarm, Door open alarm, Filter blocking alarm, system failure alarm.

Power supply: 220V /50Hz 1 phase, can be changed as 220V 60HZ or 110V 50/60HZ.

## Structure Design

Upright type, Stainless steel interior, Outer is painted steel panel, 4 units Casters for easy handling

Front opening lockable door with full height handle, with Vacuum release port

Adjustable 2-3 stainless steel shelves with inner door, double silicon gasket seal.

Two-times foaming technology. 100-155mm foaming insulation, with VIP+.

With temperature printer, record 7 days data. 72 hour battery back up for printer and controller display.

Optional: Chart recorder, CO2 back up system, storage racks/boxes, Remote alarm system.

Imported Danfoss compressor, Two units compressors in parallel connection, to reduce noise and improve the cooling temperature come to  $-86^{\circ}\text{C}$  steady.

Fan electromotor with internationally famous of Germany EBM

China Patent technology of mixture refrigerant, which composed of R134a, R404a, R23, R410A, N2 and so on, CFC free

Certificate: ISO9001, ISO14001, ISO13485

Model	Capacity	External Size (WxDxH)mm	Inside Size (WxDxH)mm	Input power	Weight
MO 100	100 liters	720x793x1000	450x450x500	800w	120/140kg
MO 218	218 liters	940x840x1552	582x470x768	1000w	225/250kg
MO 328	328 liters	940x840x1999	580x450x1200	1500w	320/350kg
MO 388	388 liters	940x840x1999	740x450x1200	1800w	330/360kg
MO 538	538 liters	940x840x1999	662x600x1330	2000w	360/380kg
MO 668	668 liters	996x1075x1997	815x667x1200	2700w	400/420kg
MO 758	758 liters	996x1190x1997	930x665x1200	2700w	420/450kg
MO 828	828 liters	1230x996x2056	930x710x1308	3200w	430/460kg