



Bio Memory

-86°C Freezer / 108L



Excellent performance at affordable prices

Our under-counter range is designed to meet all your low temperature storage needs, at affordable prices with excellent performance.

With a fast cool down time, excellent insulation, and multi-level alarms, you can be sure there is no compromise on performance. Our freezers provide reliable storage for a wide variety of industries.

PERFORMANCE

Temperature range	-40°C to -86°C
Temperature accuracy	0.1°C



Minimum temperature of -86°C



Designed to fit under a laboratory bench



Large storage capacity - up to 9000 vials



Technical Specifications

BIO MEMORY -86°C FREEZER	
MODEL	BMSSP10886
GENERAL SPECIFICATIONS	
Storage volume (L)	108
External material	High quality coated steel
Internal material	Galvanized steel sheet
Ext dimensions (W x D x H)	955 x 675 x 815
Int Dimensions (W x D x H)	440 x 435 x 590
REFRIGERATION SYSTEM	
Cooling type	Direct cooling
Defrost type	Manual
Climate class	N
Refrigerant	Mixed refrigerant
Compressor type	Fixed frequency
Sensor qty	3
PERFORMANCES	
Temperature range (°C)	-40 to -86
Temperature uniformity (°C)	+/- 2
Temperature accuracy (°C)	0.1
CONTROL	
Controller	Microprocessor
Display	LED display
ELECTRICAL DATA	
Rated current (A)	4.9
Input power (W)	500
Rated voltage / frequency (V/Hz)	220~240v/ 50HZ
Energy consumption	6.1 kWh/day*
ALARMS	
Sound alarm	Y
Light alarm	Y
Power failure	Y
Sensor failure	Y
Environment temperature	Y
Door ajar	Y
High temperature	Y
Low temperature	Y
Hot condenser	Y
Low battery	Y
Communication failure	Y
Remote	Y
ACCESSORIES	
USB	Y
Door heating	Y
Shelves / drawers qty	1
Cable port	1
Backup battery	Y
Backup battery endurance	52h

*with an ambient room temperature of 20°C (+/-0.5°C), door closed.