Applied Science and Technologies

Advanced Lab. / Medical Freezer (-15°C to -25°C) with LCD / USB / HMI for Data Transfer to PC





Optional display: Temperature control, Humidity display



Optional: Dual Compressor System with auto switching



Multi channel GPS Data Logger **(Optional)**



Standard display



Touch Screen HMI Display Optional

3 Level Password protected user management,
Data log functions (Audit trail),
RS485 for LIMS connectivity, PC port
Printer port, USB port, Graphical data representation



Technical Specifications

Model	LF-100	LF-150	LF-200	LF-252	LF-300	LF-400	LF-500
	LF-100 USB	LF-150USB	LF-200 USB	LF-252 USB	LF-300 USB	LF-400 USB	LF-500 USB
	LF-100HMI	LF-150 HMI	LF-200 HMI	LF-252 HMI	LF-300 HMI	LF-400 HMI	LF-500 HMI
Volume Liter	100	150	200	252	300	400	500
Chamber size cm	40x46x55	50x55x55	50x60x67	50x60x84	50x60x100	55x63x116	
Type	Non frost Forced air circulation						
Temperature Range	-15 to -25°C						
Temperature Accuracy	0.1°C						
Temperature uniformity	2.0°C						
Controller	Microprocessor Temperature Controller						
Temperature Sensor	NTC/Pt100/Pt1000						
Display	LED/LCD/Touch Screen HMI						
Calibration	User performable calibration facility inbuilt in display board						
IQOQ Documents	IQOQ documents						
Alarm	High and low temperature alarm system						
Refrigerant	R134a/R404a						
Cooling System	Ventilated						
Door Frame	Powder Coated Steel						
Handle	Recessed / Grip						
Lock Key	Yes						
Light box	Yes						
Interior Material	SS304						
Exterior Material	Powder Coated Steel / SS304						
Foaming Agent	PUF 100mm						
Tray	3	3	3	4	4	4	5
Cooling Power Watt	180	180	220	220	220	250	300
Power Supply	220V AC, 50 Hz						

Customized size and design available