



LABTRON



MEDICAL REFRIGERATOR LMR-A2 SERIES

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Medical Refrigerator LMR-A20

Medical Refrigerator LMR-A20 is an upright type microprocessor-controlled unit, offers 725 L of capacity with 2 to 8°C of temperature range and 5°C of cooling performance. With multi-duct vortex refrigeration system and finned evaporator, features air cooling method and automatic defrost mode with R290 refrigerant. Designed with powder coated materialized housing and aluminum plate with spraying interior having LED lighting and 12 shelves has double glass door with lock. Equipped with digital display and advanced audible and visual alarm system, it has 7-temperature probes and test port with RS485 interface to facilitate the temperature testing and monitoring.

Medical Refrigerator LMR-A21

Medical Refrigerator LMR-A21 is an upright type microprocessor-controlled unit, offers 1015 L of capacity with 2 to 8°C of temperature range and 5°C of cooling performance. With multi-duct vortex refrigeration system and finned evaporator, features air cooling method and automatic defrost mode with R290 refrigerant. Designed with powder coated materialized housing and aluminum plate with spraying interior having LED lighting and 12 shelves has double glass door with lock. Equipped with digital display and advanced audible and visual alarm system, it has 7-temperature probes and test port with RS485 interface to facilitate the temperature testing and monitoring.

Features

- ❑ An upright type microprocessor-controlled unit with different large capacities
- ❑ 2 to 8°C of temperature range with 5°C of cooling performance, targeted refrigeration
- ❑ Multi-duct vortex refrigeration system and finned evaporator, uniform temperature
- ❑ Air cooling method and automatic defrost mode with CFC-free refrigerant
- ❑ Easy to clean and low maintenance housing and interiors with LED lighting
- ❑ Adjustable shelves and double glass door with lock, easy and organized storage
- ❑ Digital display, allows convenient setting and monitoring of different parameters
- ❑ Advanced audible and visual alarm system, ensures safe and stable operation

- ❑ 7- temperature probes, high-precision temperature control with low fluctuation
- ❑ Test port with RS485 interface to facilitate the temperature testing and monitoring
- ❑ High-efficient, stable and reliable unit for targeted refrigeration of different samples

Application

Medical Refrigerator is used for storage of biological products, vaccines, drugs, reagents etc., across pharmaceutical factories, hospital, centers for disease prevention and control, clinics etc.

Specifications

Model	LMR-A20	LMR-A21
Type	Upright	
Capacity	725 L	1015 L
Temperature range	2°C to 8°C	
Ambient temperature	16 to 32°C	
Cooling performance	5°C	
Display accuracy	0.1°C	
Climate class	N	
Compressor	1 pc	
Cooling method	Air cooling	
Defrost mode	Automatic	
Refrigerant	R290	
Insulation thickness	R/L: 55 mm B: 55 mm	55 mm
Controller	Microprocessor	
Display	Digital display	
Alarm system	High/Low temperature, High ambient temperature, Condenser overheating, Power failure , Low battery, Sensor error, Door ajar, Built-in data-logger USB Failure, Communication failure, Remote alarm	

Lighting	LED	
Data Logging/Interval/ Recording Time	USB/Record every 10 minute / 2 years	
Door opening	Front	
Door lock with key	Yes	
Door heater	Yes	
Shelves	12 (coated steel wire shelf)	
Casters	4+ 2 (leveling feet)	4 (2 casters with brake)
Access port	1 pc Φ 25 mm	
External material	Powder coated material	
Internal material	Aluminum plate with spraying (optional Stainless steel)	
Power supply	220 to 240 V/50 Hz	220 to 230 V/50 Hz
Rated current	3.9 A	3.21 A
Internal dimension (W×D×H)	980×595×1260 mm	1070×670×1515 mm
External dimensions (W×D×H)	1093×750×1972 mm	1180×900×1990 mm
Package size (W×D×H)	1187×795×2136 mm	1313×988×2168 mm
Net weight	171 kg	223 kg
Gross weight	200 kg	299 kg

Standard Accessories

Accessories no.	Name
1	RS485
2	Remote Alarm Contact
3	Backup Battery

Optional Accessories

Accessories no.	Name
1	Printer