



## **Medical Refrigerator LD-LMR-A22**

**Labodam Equipment Ltd.**

**[info@labodam.com](mailto:info@labodam.com) | [www.labodam.com](http://www.labodam.com)**

# Medical Refrigerator LD-LMR-A22

## Overview

Medical Refrigerator LD-LMR-A22 is an upright type microprocessor-controlled unit, offers 1320 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 CFC free refrigerant. Designed with powder coated materialized housing and interior aluminum plate with spraying 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 1320 L of capacity
- 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

## Applications:

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:

|            |                              |
|------------|------------------------------|
| Type       | Upright                      |
| Casters    | 4 (2 casters with brake)     |
| Display    | Digital Display              |
| Shelves    | 12 (coated steel wire shelf) |
| Capacity   | 1320 L                       |
| Lighting   | LED                          |
| Compressor | 2                            |
| Controller | Microprocessor               |
| Net Weight | 203 kg                       |

|                                                 |                                                                                                                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Access Port</b>                              | 1 pc ? 25 mm                                                                                                                                                                                       |
| <b>Door Heater</b>                              | Yes                                                                                                                                                                                                |
| <b>Refrigerant</b>                              | CFC Free                                                                                                                                                                                           |
| <b>Alarm System</b>                             | 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 |
| <b>Defrost Mode</b>                             | Automatic                                                                                                                                                                                          |
| <b>Door Opening</b>                             | Front                                                                                                                                                                                              |
| <b>Gross Weight</b>                             | 256 kg                                                                                                                                                                                             |
| <b>Power Supply</b>                             | 220 to 230 V/50 Hz                                                                                                                                                                                 |
| <b>Climate Class</b>                            | N                                                                                                                                                                                                  |
| <b>Rated Current</b>                            | 3.62 A                                                                                                                                                                                             |
| <b>Cooling Method</b>                           | Air cooling                                                                                                                                                                                        |
| <b>Display Accuracy</b>                         | 0.1 °C                                                                                                                                                                                             |
| <b>External Material</b>                        | Powder coated material                                                                                                                                                                             |
| <b>Internal Material</b>                        | Aluminum plate with spraying (optional Stainless steel)                                                                                                                                            |
| <b>Temperature Range</b>                        | 2 °C to 8 °C                                                                                                                                                                                       |
| <b>Door Lock with Key</b>                       | Yes                                                                                                                                                                                                |
| <b>Ambient Temperature</b>                      | 16 °C to 32 °C                                                                                                                                                                                     |
| <b>Cooling Performance</b>                      | 5 °C                                                                                                                                                                                               |
| <b>Insulation Thickness</b>                     | 55 mm                                                                                                                                                                                              |
| <b>Package Size (W×D×H)</b>                     | 1568 x 953 x 2165 mm                                                                                                                                                                               |
| <b>External Dimension (W×D×H)</b>               | 1450 x 852 x 1985 mm                                                                                                                                                                               |
| <b>Internal Dimension (W×D×H)</b>               | 1340 x 670 x 1502 mm                                                                                                                                                                               |
| <b>Data Logging / Interval / Recording Time</b> | USB/Record every 10 minute / 2 years                                                                                                                                                               |