

Cassette Autoclave LD-LCA-A10

Labodam Equipment Ltd.

info@labodam.com | www.labodam.com

Cassette Autoclave LD-LCA-A10

Overview

Cassette Autoclave provides rapid and reliable sterilization for non-wrapped instruments, making it ideal for multi-department operations and emergency situations. Its intuitive digital interface allows for real-time monitoring, with the added flexibility to safely interrupt cycles when necessary. The ultra-thin cassette design accelerates heating and cooling, optimizing workflow efficiency, and making it a perfect solution for workrooms, medical facilities, and high-demand environments.

Features:

- Delivers fast and dependable sterilization results
- Completes non-wrapped sterilization cycles in 9 minutes
- Simple and intuitive operation with a clear on-screen interface
- Automatic fault detection system with shutdown and on-screen error notifications
- Suitable for both hollow and solid instruments
- Ultra-Slim cassette design enhances thermal efficiency for quicker processing
- Fitted with a 0.22-micron filter for effective filtration of microorganisms
- Cycle interruption is supported for added operational flexibility
- Reduced cycle duration boosts productivity
- Structured five-phase cycle: Displacement, Heating, Sterilization, Exhaust and Drying
- Monitors and records the sterilization process in real-time
- Equipped with a built-in printer for automatic documentation

Applications:

Ideal for use in dental clinics, medical clinics, emergency rooms, surgical centres, ENT and endoscopy departments, laboratories, veterinary clinics, and instrument processing workrooms.

Specifications:

Water	Ultra-pure water, deionized water, laboratory water, distilled water, purified water.
Run Mode	Run Intermittently (?6 cycles/hour)
Input Power	?1.3 kVA
Tank Volume	3.4 Litres
Power Supply	AC 220 V \pm 22 V, 50 Hz \pm 1 Hz
Display Accuracy	0.1 ?
External Dimension	580 x 460 x 190 mm
Sterilization Time	9 minutes
Sterilization Volume	About 5.2 Litres

Steam Generator Power	1.2 kVA \pm 5%
Equipment Working Medium	Water Vapor
Operating Pressure Range	42 kPa ~ 212 kPa
Ambient Temperature Range	+ 5 °C ~ + 40 °C
Working Relative Humidity	?85%
Atmospheric Pressure Range	70.0 kPa to 106.0 kPa
Maximum Operating Pressure	242 kPa
Sterilization Chamber Size	380 x 180 x 78 mm
Operating Temperature Range	115 °C – 135 °C
Maximum Operating Temperature	138 °C
Safety Valve Setting Pressure	0.25 MPa
Sterilization External Box Size	480 x 196 x 80 mm