Tabletop Laboratory Autoclave LD-LTTA-F10

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Overview

Table top Laboratory Autoclave LD-LTTA-F10 is a Class B steam sterilizer designed for efficient sterilization of wrapped and unwrapped surgical instruments, laboratory glassware, textiles, porous materials and hollow devices. It utilizes multiple vacuum cycles to eliminate trapped air before saturated steam sterilization, ensuring complete penetration and reliable sterilization performance. The integrated vacuum drying system delivers dry, ready-to-use instruments immediately after each cycle. Suitable for hospitals, research laboratories, pharmaceutical facilities, universities and industrial laboratories.

Features:

- Class B pulsating vacuum sterilization
- Fully automatic sterilization cycle
- Multiple pre-vacuum and post-vacuum phases
- Efficient vacuum drying
- Present and user-programmable sterilization programs
- Bowie-Dick and vacuum leak test functions
- Independent steam generation system
- Built-in thermal printer with USB data export
- Automatic water level monitoring
- Safety door interlock with multiple protection systems
- Automatic fault diagnosis and alarm
- Compact benchtop design

Applications:

Used for sterilizing surgical instruments, laboratory glassware, culture media, textiles, hollow devices, and other heat-resistant materials. Ideal for hospitals, diagnostic laboratories, research institutes, pharmaceutical facilities, universities, and biotechnology laboratories.

Specifications:

Display	LCD Screen
Printer	Built-in Thermal Printer
Capacity	60 L
Net Weight	160 kg
Water Tank	Integrated
Data Export	USB Port
Drying Time	0–99 min
Vacuum Rate	-0.09 MPa
Chamber Size	Ø380 × 500 mm

Gross Weight	200 kg
Power Supply	220 V / 50–60 Hz
Drying Method	Vacuum Drying
Vacuum System	Built-in
Control System	Microprocessor Controlled
Steam Generator	Independent
Chamber Material	SUS316L Stainless Steel
Sterilization Time	0–99 min
Pressure Resolution	0.1 kPa
Temperature Resolution	0.1°C
Maximum Working Pressure	0.23 MPa
Sterilization Temperature	100 to 138°C
Outer Dimensions (W × D × H)	980 × 670 × 730 mm