



## **Tabletop Laboratory Autoclave LD-LTTA-F11**

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# Tabletop Laboratory Autoclave LD-LTTA-F11

## Overview

Table top Laboratory Autoclave LD-LTTA-F11 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     | 80 L                     |
| Net Weight   | 180 kg                   |
| Water Tank   | Integrated               |
| Data Export  | USB Port                 |
| Drying Time  | 0–99 min                 |
| Vacuum Rate  | -0.09 MPa                |
| Chamber Size | Ø380 × 700 mm            |

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