

DIGITAL PORTABLE AUTOCLAVE



Digital Portable Autoclave - ToronClave™ PD

Autoclave performance matters when you need reliable steam sterilization in a compact format for routine laboratory or clinical use. The ToronClave™ PD is a vertical Autoclave Machine designed to sterilize instruments, glassware, dressings, and culture media with saturated steam under pressure, while keeping operation simple and space requirements low.

This series includes 18 L and 24 L portable models with microcomputer-based control, electric heating, stainless steel chamber construction, and automatic sterilization functions. The units are built for users who want compact steam sterilization with digital temperature display, dependable chamber sealing, and straightforward daily operation.

ToronClave™ PD is a portable vertical autoclave developed for moist-heat sterilization of common laboratory and medical items. It is designed for users who need a smaller sterilizer for everyday work in clinics, laboratories, research rooms, and educational environments.

The chamber body and liner are made of SUS304 stainless steel, while the control system uses a microcomputer-based design with a bright digital display. The unit offers either standard microcomputer control or a variant with a knob-type electric mechanical control system, giving users flexibility in how they manage sterilization cycles.

APPLICATIONS

Digital Portable Autoclave - ToronClave™ PD Applications

- Medical and Clinical Instruments: ToronClave™ PD is suitable for sterilizing reusable medical instruments and related clinical tools. Its compact format makes it practical for clinics, treatment rooms, and smaller healthcare workspaces.
- Laboratory Glassware: this Autoclave Machine can be used to sterilize laboratory glassware for general testing, preparation, and support work. That makes it useful in research labs, teaching labs, and routine laboratory operations.

- Dressings and Consumables: the series for sterilizing dressings and similar items that require saturated steam sterilization. This supports daily use in healthcare and institutional environments.
- Culture Media and Research Materials: The model can also be used for culture media and related materials that need moist-heat sterilization before use. This makes it suitable for microbiology, biology, and general laboratory workflows.



FEATURES

Digital Portable Autoclave - ToronClave™ PD Key Features

- Portable vertical Autoclave Machine design for compact sterilization workflows
- Microcomputer automatic control system
- High-brightness digital display tube
- Knob-type electric mechanical control available on selected models
- Quick-opening cover structure
- Electric heating mode
- Automatic sterilization process control
- SUS304 stainless steel chamber body and liner
- Water level safety float
- Self-inflating sealing ring
- Temperature resolution of 0.1°C
- Adjustable sterilization timer from 0 to 999 minutes
- Compact footprint for smaller labs and clinics
- Suitable for routine sterilization of medical and laboratory items

TECHNICAL SPECIFICATIONS

Digital Portable Autoclave - ToronClave™ PD Technical Specification

Parameter	ToronClave™ PD 18A	ToronClave™ PD 24A	ToronClave™ PD 18B	ToronClave™ PD 24B
Volume	18 L	24 L	18 L	24 L
Power	2 kW			
Voltage	220 ±10%, 50 ±2% (110V is also available)			
Max. Working Temperature	126°C			
Max. Working Pressure	0.142 MPa			
Temperature Resolution	0.1°C			
Timer Range	0–999 min			
Internal Dimensions	Ø295 × 320 mm	Ø295 × 420 mm	Ø295 × 320 mm	Ø295 × 420 mm
Housing Dimensions	Ø350 × 570 mm	Ø350 × 670 mm	Ø350 × 570 mm	Ø350 × 670 mm
Basket Dimensions	Ø280 × 230 mm	Ø280 × 330 mm	Ø280 × 130 mm	Ø280 × 330 mm
Number of Baskets	1			
Net Weight	11.5 kg	12.5 kg	11.5 kg	12.5 kg
Gross Weight	12.5 kg	13.5 kg	12.5 kg	13.5 kg
Package Size	450 × 450 × 610 mm	450 × 450 × 700 mm	450 × 450 × 610 mm	450 × 450 × 700 mm



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