

PREMIUM HIGH- CAPACITY PORTABLE AUTOCLAVE



Premium High-Capacity Portable Autoclave - ToronClave™ PHC

Autoclave performance matters when you need dependable steam sterilization in a compact footprint. ToronClave™ PHC is a portable vertical Autoclave Machine configuration for sterilizing instruments, dressings, glassware, and culture media with saturated steam under pressure. This model has a 29 L electric-heating unit with SUS304 construction, microcomputer control, and automatic safety functions for routine laboratory and clinical use.

This model is a practical fit for smaller labs, clinics, and institutional workspaces that need routine moist-heat sterilization without moving to a larger floor-standing sterilizer. This instrument has a maximum working temperature of 126°C, internal chamber size of Ø300 × 420 mm, and a single stainless steel basket, automatic cold-air exhaust, low-water protection, over-temperature protection, and an end-of-cycle buzzer.

ToronClave™ PHC is a compact vertical steam sterilizer built for daily sterilization of common medical and laboratory loads. It uses pressurized saturated steam to process reusable instruments and lab items quickly, and this model is used for medical equipment, dressings, glassware, and culture media.

The ToronClave™ PHC model uses electric heating with microcomputer intelligent control and a self-expanding sealing ring. The chamber body and liner are made of SUS304 stainless steel, for durability and corrosion resistance in repeated sterilization work.

APPLICATIONS

Premium High-Capacity Portable Autoclave - ToronClave™ PHC Applications

- Medical and Clinical Instruments: this Autoclave Machine is suitable for sterilizing reusable medical tools and related clinical items in treatment rooms, clinics, and healthcare environments.
- Laboratory Glassware: ToronClave™ PHC can be used for routine sterilization of glassware in teaching labs, research rooms, and general laboratory workflows. Its compact vertical format makes it easier to place in smaller sterilization areas.
- Culture Media: this makes the unit relevant for microbiology, biology, and general lab preparation tasks that require moist-heat sterilization.



FEATURES

Premium High-Capacity Portable Autoclave - ToronClave™ PHC Key Features



SUS304 stainless steel chamber construction.

Handwheel quick-open lid design.





Vertical floor-standing format with caster-supported movement.

Equipped with a G1/2A internal thread sample test hole.





Automatic cold-air exhaust.

- Portable vertical Autoclave Machine design for compact sterilization workflows.
- SUS304 stainless steel chamber body and liner.
- Electric heating system.
- Microcomputer intelligent control.
- Self-expanding sealing ring.
- Automatic cold-air exhaust.
- Automatic protection when water level is low.
- Over-temperature protection.
- Self-exhaust safety function during over-pressure conditions.
- Buzzer reminder when sterilization ends.
- Compact vertical structure with a single stainless steel basket.

TECHNICAL SPECIFICATIONS

Premium High-Capacity Portable Autoclave - ToronClave™ PHC Technical Specification

Parameter	ToronClave™ PHC
Volume	29 L
Power	2 kW
Voltage	220 ±10%, 50 ±2% (110V is also available)
Max. Working / Design Temperature	126 / 128°C
Max. Working / Design Pressure	0.142 / 0.165 MPa
Temperature Resolution	1°C
Timer Range	0-120 min
Internal Dimensions	Ø300 × 420 mm
Housing Dimensions	395 × 395 × 780 mm
Basket Dimensions	Ø280 × 340 mm
Number of Baskets	1
Net Weight	35 kg
Gross Weight	43 kg
Package Size	540 × 540 × 950 mm



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