TORONTECH

BASIC PORTABLE AUTOCLAVE

Basic Portable Autoclave - ToronClave™ PB Series

Autoclave systems are used to sterilize instruments, glassware, dressings, culture media, and other laboratory or medical items with saturated steam under pressure. The ToronClave™ PB is a compact Autoclave Machine designed for quick, reliable sterilization in clinics, research labs, healthcare facilities, and educational environments.

This portable vertical unit is offered in electric-heating and coal-electric dual-heating configurations, giving users a practical solution for routine steam sterilization where compact size, straightforward operation, and dependable chamber performance matter. The instrument builds with SUS304 construction, pressure-based operation, and self-expanding sealing for safe daily use.

ToronClave™ PB is a portable vertical autoclave built for moist-heat sterilization of common laboratory and clinical items. It is intended for users who need a smaller steam sterilizer for routine work without moving to a larger floor-standing system.

The series uses saturated steam and pressure to sterilize loads quickly and uniformly inside an 18 L chamber. The vessel body and liner are made from SUS304 stainless steel, helping the unit resist corrosion from routine sterilization service.

APPLICATIONS

Basic Portable Autoclave - ToronClave™ PB Series Applications

- Medical and Clinical Tools: ToronClave™ PB is suitable for sterilizing medical instruments and reusable healthcare items in clinics, treatment rooms, and small medical facilities. Its compact format makes it practical where space is limited but routine sterilization is still needed.
- Dressings and General Lab Supplies: this makes the unit useful for laboratories and healthcare settings that need repeat sterilization of common support materials.

- Culture Media Preparation: the unit can be used for liquor culture media and similar laboratory materials that require steam sterilization before use. This supports microbiology, educational, and general research workflows.
- Scientific and Educational Institutions: it fits well in teaching labs, research spaces, and institutional sterilization tasks where a compact autoclave is preferred.

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FEATURES

Basic Portable Autoclave - ToronClave™ PB Series Key Features

- Portable vertical autoclave design for compact sterilization workflows
- 18 L chamber capacity
- Available in electric-heating and coal-electric dual-heating versions
- Uses saturated steam for rapid sterilization
- SUS304 stainless steel body and inner liner
- Resistant to acid, alkali, and corrosion
- Overpressure self-discharge protection
- Double-scale pressure gauge on the portable models
- Self-expanding sealing ring design
- Compact footprint for smaller labs and clinics
- Designed for sterilizing medical equipment, dressings, glassware, and culture media

TECHNICAL SPECIFICATIONS

Basic Portable Autoclave - ToronClave™ PB Series Technical Specification

Parameter	ToronClave™ PB 530	ToronClave™ PB 470
Volume	18 L	18 L
Power	2 kW	2 kW
Voltage	220 V ±10%, 50 Hz ±2% (110V is also available)	

Parameter	ToronClave™ PB 530	ToronClave™ PB 470
Max. Working / Design Temperature	126°C	126°C
Max. Working / Design Pressure	0.142 MPa	0.142 MPa
Timer Range	—	—
Internal Dimensions	Ø300 × 310 mm	Ø300 × 310 mm
Housing Dimensions	Ø390 × 530 mm	Ø390 × 470 mm
Basket Dimensions	Ø280 × 225 mm	Ø280 × 225 mm
Number of Baskets	1	1
Net Weight	18 kg	16 kg
Gross Weight	20 kg	18 kg
Package Size	450 × 450 × 600 mm	440 × 430 × 510 mm

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