



TORONTECH



AUTOCLAVE

Autoclave

Autoclave systems are used to sterilize instruments, glassware, dressings, culture media, and other laboratory or medical items with saturated steam under pressure. The ToronClave™ range covers compact portable units, floor-standing vertical systems, and large horizontal sterilizers, giving laboratories, clinics, hospitals, and institutional users multiple capacity and control options for daily sterilization work.

This Autoclave Machine family is structured to match different workflows. Portable models support smaller clinics and laboratories, vertical floor-standing models support higher daily throughput with broader program control, and horizontal models support larger batch sterilization for central sterilization rooms, hospitals, and industrial or institutional facilities.

The ToronClave™ category includes steam sterilizers designed for moist-heat sterilization of reusable medical and laboratory loads. Across the range, the systems use saturated steam under pressure to help eliminate microorganisms on instruments, glassware, dressings, and media, while offering different chamber sizes, control systems, and post-cycle functions depending on the model series.

The lineup begins with portable vertical units for routine sterilization in compact spaces and extends to advanced vertical autoclaves with programmable control, drying, data logging, and vacuum drying. It also includes large horizontal chamber systems for higher-volume sterilization with automatic water addition, real-time parameter display, and broader cycle management.

Applications

Medical and Clinical Instruments

The ToronClave™ series is suitable for sterilizing reusable medical tools and related healthcare items. This makes the range useful for clinics, treatment rooms, hospitals, and institutional environments that need dependable steam sterilization for routine use.

Laboratory Glassware

These autoclaves can be used for sterilizing laboratory glassware in research, testing, and educational settings. Larger vertical and horizontal models are especially suited to facilities that process repeated loads or higher batch volumes.

Dressings and Culture Media

The uploaded file consistently positions the product family for dressings and culture media. That makes the series relevant for microbiology, biology, and general laboratory preparation workflows where moist-heat sterilization is required.

Institutional and High-Volume Sterilization

The larger vertical and horizontal models support scientific institutes, educational facilities, hospitals, and centralized sterilization spaces where portable units are not large enough. This broadens the category from small-lab sterilization to heavy-duty daily sterilization work.

Product Lineup

Series	Product Name	Product Type	Capacity Range	Best Fit For
ToronClave™ PB	Basic Portable Autoclave	Portable vertical	18 L	Basic routine sterilization in small labs and clinics
ToronClave™ PA	Adjustable Portable Autoclave	Portable vertical	18 L	Compact sterilization with adjustable temperature and time
ToronClave™ PD	Digital Portable Autoclave	Portable vertical	18–24 L	Users needing digital display and basic automatic control
ToronClave™ PHC	Premium High-Capacity Portable Autoclave	Portable vertical	29 L	Smaller facilities needing more chamber volume in a compact form
ToronClave™ VHP Series	High Performance Vertical Autoclave	Floor-standing vertical	29–100 L	Routine higher-capacity sterilization in labs and clinics
ToronClave™ VUC	Ultimate Compliance Vertical Autoclave	Floor-standing vertical	50–100 L	Users needing practical-capacity vertical sterilization, with optional drying versions

Series	Product Name	Product Type	Capacity Range	Best Fit For
ToronClave™ VHT	High Throughput Vertical Autoclave	Floor-standing vertical	60–110 L	Users needing programmable control and higher daily throughput
ToronClave™ V	Vertical Autoclave with Vacuum Drying Function	Floor-standing vertical	60–110 L	Labs needing sterilization plus vacuum drying
ToronClave™ VI	Intelligent Vertical Autoclave	Floor-standing vertical	60–85 L	Users needing broader automation and safer flip-top operation
ToronClave™ VAS	Advanced Smart Vertical Autoclave	Floor-standing vertical	65–90 L	Users needing stronger traceability, logging, and smart control
ToronClave™ HS Series	Smart Horizontal Autoclave	Horizontal	280–500 L	High-volume sterilization with advanced control and optional drying versions
ToronClave™ HI Series	Industrial Horizontal Autoclave	Horizontal	0.25–5.0 m³	Large institutional and industrial sterilization workflows

Why Choose the ToronClave™ Series

The ToronClave™ autoclave lineup is structured so users can match chamber size, automation level, and workflow needs without overbuying or underbuying. Compact portable units work well for daily low-volume sterilization, while vertical high-capacity systems offer stronger process control, and horizontal platforms support the largest and most demanding sterilization workflows.

The category also gives clear upgrade paths. Users can move from basic portable sterilization to adjustable portable units, digital portable systems, premium portable capacity, high-performance vertical systems, vertical systems with drying or vacuum drying, intelligent smart vertical models, and finally to large smart or industrial horizontal autoclaves.



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