



PORTER Reliant Sterilizer System

The system approach to sterilization
that enhances your productivity



Simple controls, clear visuals, assured sterilization.



The Porter Reliant sterilizer system is equipped with a powerful drying pump which, combined with a bacterial filter, provides an end-of-cycle forced ventilation, resulting in complete drying of loose or wrapped loads.

Reliant Sterilizer System Benefits:

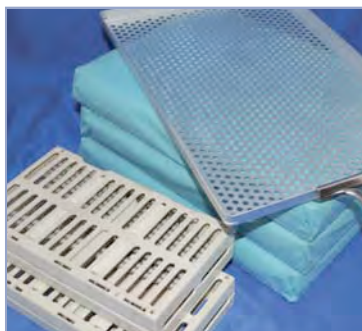
- Saves times, maximizes convenience, and makes instrument sterilization easier for you and your staff
- Ensures that your dental office meets current asepsis guidelines for sterilization of wrapped and unwrapped instruments
- Reliable and simplified automated performance
- Enhanced heating system and electronic drying
- Optional reverse osmosis water reservoir eliminates the need to add distilled water manually
- Meets the needs of today's dental offices for safety, reliability, speed, cost-savings and convenience

Advanced Features: Performance you can count on

- Compact and easy to operate – just turn on and select cycle
- Automated microprocessor cycles off to save energy
- Copper components in chamber for precise temperature control
- Complete air-evacuation (up to 98%) ensures proper steam saturation, prevents air pockets, and assures complete sterilization
- Multiple sensors control steam and surface temperature, preventing thermal shock and extending instrument life
- Safety features include triple safety door, LED readout, cycle counter, and alarms
- Self-diagnostics simplify troubleshooting and reduce downtime
- Control system features 4 pre-configured programs that make cycle choice simple
- Connects to printer for sterilization documentation and data archiving
- Optional label printing for pouches







This optional sealer system provides properly sized sterilization bags, in addition to saving money and space.



The Porter Reliant system accommodates cassette trays to hold and store sterile instruments.



CONTROL PANEL BUTTONS

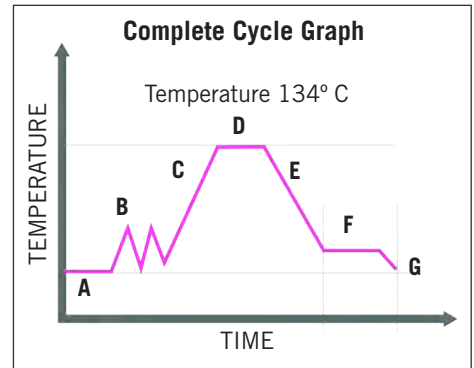
-  **Unwrapped: 134° C, 4 min***
For all unwrapped instruments
 -  **Wrapped: 134° C, 20 min***
For all wrapped material including double-wrapped handpieces
 -  **Packs: 121° C, 30 min***
For surgical packs and tissue
 -  **Special: Selected by the operator***
 - From 105° C to 135 ° C
 - From 3 to 90 min*
 Operator can select time and temperature to sterilize special materials
- * **Sterilization time:** Time required at selected temperature to assure sterilization.

PORTER RELIANT TECHNICAL CHARACTERISTICS

External Dimensions (W x D x H)	17 1/2" x 22 1/8" x 16 7/8"
Chamber Dimensions	ø 9 1/2" x 15 1/8"
Chamber Capacity	18 liters
Usable Chamber Volume	17 liters
Net Weight	107.8 lbs
Maximum Power Consumption	1600 watts
Average Power Consumption	600 watts
Supply Voltage	110 v, 60 hz
Triple Safety Lock	■
Air Expulsion System	Thermodynamic Electric Control
Drying Pump	■
Programs	4
Auto Switch-Off, Right Cycle	■
Process Evaluation Control	■
Adhesive Heating Elements	■
Number of Temperature Sensors	2
Number of Pressure Sensors	1
Differential Heating	■
High Resolution Temperature Reading	■
PC Connection	■
Printer (External)	■*
Bacterial Filter – High Filtration	■
Altitude Set-Up	■
Double Reservoir Water Tanks	Ricirc
Self Diagnostics & Troubleshooting	■
Cycle Counter	■
Automatic Maintenance	■
Annual Validation Recall	■
Water Fill – Top	■
Software Calibration	■
Remote Service	■
Average sterilization time	23 - 38 min
EN13060 Compliance Class	S
UL-Approved	■
CE-Marked	■

* Optional add-on

Contact your Porter Instrument dealer today for details and pricing!



Cycle Stages:

- A. H₂O Fill
- B. Heating and air purge
- C. Ramp up to selected sterilization temperature
- D. Sterilization "plateau" (time and temperature control)
- E. Exhaust
- F. Drying cycle
- G. Open door signal



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