



Autoclaves and Accessories for Healthcare Professionals

Fully Automatic Autoclaves EZ9™ & EZ10™

With the simplicity of one touch design, all your sterilization and drying needs are fulfilled. The Tuttnauer fully automatic autoclaves fill, sterilize, exhaust and dry at the touch of a button. FORGET IT ONCE YOU SET IT.

FEATURES:

- Closed door active drying system to maintain sterility and ensure efficient drying of packs and pouches.
- High efficiency air pump circulates hot air after the sterilization cycle for fast drying.
- Hepa filter 0.2µm air filter (replaceable).
- Pre-programmed cycles for: unwrapped instruments; wrapped/packs; glassware and additional drying cycle.
- All program parameters can be customized and stored.
- Automatic shut off at the end of both the sterilization and dry cycles.
- Audible and visual cycle interruption alert.
- Double safety locking device prevents door from opening while chamber is pressurized.
- Low water sensor prevents activation of sterilization cycle when there is insufficient water in the chamber or reservoir.

- Constant monitoring of temperature and pressure for sterilization.
- Power outage recovery system.
- Door design prevents steam from coming in contact with control panel.
- Optional internal printer documents: date, time, temperature and pressure.
- 510k clearance for dental handpieces.
- Drain valve is located on the front, allowing for quick and easy draining of water reservoir.
- International certifications.
- 2 year parts and labor warranty.

Control Panel



1. Program Selection
2. Detailed Digital Display
3. Programmable Keys
4. System Activity Indicators

New, brighter and easier to read panel

EZ Series

Item No.	Chamber Dimensions Ø x L in(mm)	Volume	Overall Dimensions DxWxH in(mm)	Standard Cassette Capacity	Tray Dimensions DxWxH in(mm)	No. of Trays	Standard Unwrapped Cycle Time	Voltage(V) Freq.(Hz)	Power(W) Current(A)	Shipping Weight lbs(kg)
EZ9™	9" x 18" (230 x 470)	5gal/19L	21.5"x20"x14.4" (545x510x365)	2 full and 2 half	16.3"x 6.7"x0.8" (415x170x20)	3	Cold: 27 mins Hot: 13 mins	120V 50/60	1400W 12A	95 (43)
EZ10™	10" x 19" (254 x 475)	6gal/23L	21.5"x20"x14.4" (545x510x365)	3 full and 3 half	16.3"x 6.7"x0.8" (415x170x20)	4	Cold: 30 mins Hot: 14 mins	120V 50/60	1400W 12A	95 (43)

Fully Automatic Kwiklave™

The Tuttnauer EZ series is also available in a quick cycle model, the Kwiklave (EZ10k). This sterilizer offers all the proven, dependable features of our fully automatic autoclaves, with the added benefit of reducing the total heat up time. This autoclave is the perfect choice for quick instrument turnaround or a high volume office. Speed and reliability are accomplished without sacrificing load size. 2 year parts and labor warranty.



Model EZ10k requires a voltage between 220V and 235V for proper operation. When applicable a buck/boost transformer (0.5KVA) may be required.

EZ10k™ Series

Item No.	Chamber Dimensions Ø x L in(mm)	Volume	Overall Dimensions DxWxH in(mm)	Standard Cassette Capacity	Tray Dimensions DxWxH in(mm)	No. of Trays	Standard Unwrapped Cycle Time	Voltage(V) Freq.(Hz)	Power(W) Current(A)	Shipping Weight lbs(kg)
EZ10k™	10" x 19" (254 x 475)	6gal/23L	21.5"x20"x14.4" (545x510x365)	3 full and 3 half	16.3"x 6.7"x0.8" (415x170x20)	4	Cold: 21 mins Hot: 11 mins	230V 50/60	2200W 10A	95 (43)

All published cycle times are estimated. Actual times may vary depending on load size and voltage.



Optional Internal Printer See Accessories

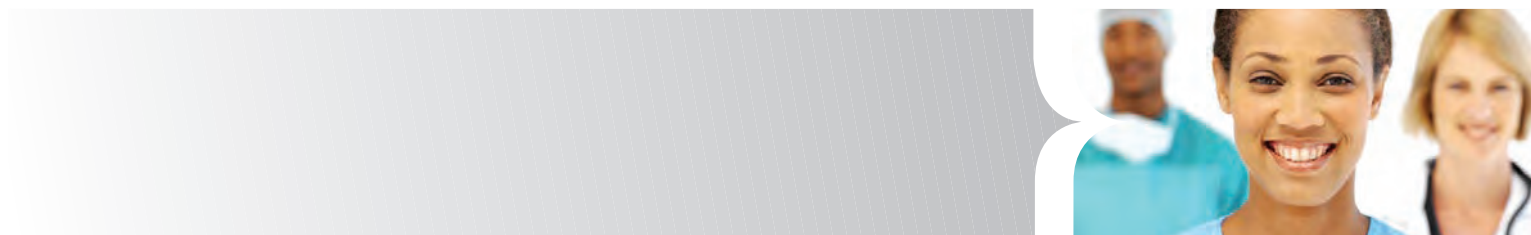


Large Capacity Fully Automatic Autoclave

Our largest automatic tabletop autoclave. Features a closed door active drying system. Perfect for multi-doctor practices, clinics or surgery centers. 15" x 30" chamber accommodates longer instruments or a large number of small instruments. Capacity for 15 full size IMS cassettes. 2 year parts and labor warranty.

EA Series

Item No.	Chamber Dimensions Ø x L in(mm)	Volume	Overall Dimensions DxWxH in(mm)	Standard Cassette Capacity	Tray Dimensions DxWxH in(mm)	No. of Trays	Standard Unwrapped Cycle Time	Voltage(V) Freq.(Hz)	Power(W) Current(A)	Shipping Weight lbs(kg)
3870EA	15" x 30" (384 x 760)	22gal/85L	34.5"x26"x20.6" (875x665x525)	15 full	26.6"x11.3"x1" (675x286x25) 26.6"x13.8"x1" (675x350x25)	2	Cold: 32 mins Hot: 23 mins	230V 50/60	3000W 13.6A	213 (97)



Manual Autoclaves M/MK

Tuttnauer manual autoclaves will compliment any healthcare facility and satisfy all of your sterilization needs. The bright, new, easy to use panel was designed with the operator in mind. Time tested reliability and durability are built into every Tuttnauer product.

FEATURES:

- Automatic shut off at the end of both the sterilization and dry cycles.
- A long life electro polished chamber and door.
- Double safety locking device prevents door from opening while chamber is pressurized.
- Drain valve is located on the front, allowing for quick and easy draining of water reservoir.
- Dual safety thermostat to protect against overheating.
- International certifications.
- 1 year parts and labor warranty.



- 1 Pressure Gauge
- 2 Timer
- 3 Thermostat
- 4 Function Selector

M Series

Item No.	Chamber Dimensions Ø x L in(mm)	Volume	Overall Dimensions DxWxH in(mm)	Standard Cassette Capacity	Tray Dimensions DxWxH in(mm)	No. of Trays	Standard Unwrapped Cycle Time	Voltage(V) Freq.(Hz)	Power(W) Current(A)	Shipping Weight lbs(kg)
2340M	9" x 18" (230 x 470)	5gal/19L	21.5"x20"x14.4" (545x510x365)	2 full and 2 half	16.3"x6.7"x0.8" (415x170x20)	3	Cold: 27 mins Hot: 13 mins	120V 50/60	1400W 12A	85 (39)
2540M	10" x 19" (254 x 475)	6gal/23L	21.5"x20"x14.4" (545x510x365)	3 full and 3 half	16.3"x6.7"x0.8" (415x170x20)	4	Cold: 30 mins Hot: 14 mins	120V 50/60	1400W 12A	85 (39)

Manual Kwiklave™ MK Series

2540MK	10" x 19" (254 x 475)	6gal/23L	21.5"x20"x14.4" (545x510x365)	3 full and 3 half	16.3"x6.7"x0.8" (415x170x20)	4	Cold: 21 mins Hot: 11 mins	230V 50/60	2200W 10A	85 (39)
--------	--------------------------	----------	----------------------------------	-------------------	---------------------------------	---	-------------------------------	---------------	--------------	------------

The Tuttnauer M Series is also available in a quick cycle model, the Kwiklave (MK). This sterilizer offers all the proven, dependable features of our manual autoclave, with the added benefit of reducing the total heat up time. This autoclave is the perfect choice for quick instrument turnaround or a high volume office. Speed and reliability are accomplished without sacrificing load size. 1 year parts and labor warranty.

Model 2540MK requires a voltage between 220V and 235V for proper operation. When applicable a buck/boost transformer (0.5KVA) may be required.

Large Capacity Manual Autoclave

Our largest manual tabletop autoclave. Perfect for multi-doctor practices, clinics or surgery centers. 15" x 30" chamber accommodates longer instruments or a large number of small instruments. Capacity for 15 full size IMS cassettes. 1 year parts and labor warranty.



Item No.	Chamber Dimensions Ø x L in(mm)	Volume	Overall Dimensions DxWxH in(mm)	Standard Cassette Capacity	Tray Dimensions DxWxH in(mm)	No. of Trays	Standard Unwrapped Cycle Time	Voltage(V) Freq.(Hz)	Power(W) Current(A)	Shipping Weight lbs(kg)
3870M	15" x 30" (384 x 760)	22gal/85L	34.5"x26"x20.6" (875x665x525)	15 full	26.6"x11.3"x1" (675x286x25) 26.6"x13.8"x1" (675x350x25)	2	Cold: 32 mins Hot: 23 mins	230V 50/60	3000W 13.6A	209 (95)

All published cycle times are estimated. Actual times may vary depending on load size and voltage.



See Accessories



Valueklave™ 1730

The Valueklave1730 will satisfy all of your basic sterilization needs at an economical price. High speed and reliability are built into every Valueklave1730.

FEATURES:

- Fast Cycle Time. 11 minutes from a hot start* (Standard Unwrapped Cycle Time).
- Automatic shut off at the end of both the sterilization and dry cycles.
- A long life electro polished chamber and door.
- Double safety locking device prevents door from opening while chamber is pressurized.
- Drain valve is located on the front, allowing for quick and easy draining of water reservoir.
- Dual safety thermostat to protect against overheating.
- International certifications.
- 1 year parts and labor warranty.



*Come up time, sterilization exposure and exhaust.

Item No.	Chamber Dimensions Ø x L in(mm)	Volume	Overall Dimensions DxWxH in(mm)	Standard Cassette Capacity	Tray Dimensions DxWxH in(mm)	No. of Trays	Standard Unwrapped Cycle Time	Voltage(V) Freq.(Hz)	Power(W) Current(A)	Shipping Weight lbs(kg)
Valueklave 1730	7" x 13" (170 x 340)	2gal/7.5L	17.9"x17.4"x12" (455x440x305)	2 half	11.6"x4.7"x0.8" (295x120x20)	3	Cold: 16 mins Hot: 11 mins	120V 50/60	1350W 11A	50 (23)



Ultrasonic Cleaning Systems



CSU1

CSU3

Available accessories

System Specifications:		CSU1	CSU3
Tank Dimensions Inches (Cms.)	W	9 3/8 (23.8)	15 1/2 (39.4)
	H	4 (10.2)	6 (15.2)
	D	5 3/8 (13.7)	9 (22.9)
External Dimensions Inches (Cms.)	W	12 5/8 (32)	19 (48.3)
	H	8 3/4 (22.2)	13 1/2 (34.3)
	D	9 7/8 (25)	16 (40.6)
Tank Capacity Gallons (Liters)		0.8 (3.4)	3 (12.7)

Tuttnauer's Clean & Simple Ultrasonic Cleaning Systems are manufactured with only the highest quality components. These machines provide 60 kHz of quiet cleaning power which is less aggressive to instruments while still removing all surface contamination. The contemporary design and quiet operation compliments any office environment. Clean & Simple Ultrasonic Systems are available in 2 sizes with a full selection of accessories to meet your specific needs. The 1 gallon system holds a standard selection of instruments or 2 half size cassettes. The 3 gallon system holds 3 full size cassettes. Both sizes are available with an optional heater.

FEATURES:

- High efficiency 60 kHz of cavitation for a thorough and quieter cleaning.
- Durable vinyl clad steel housing... easy to clean and resists scratching.
- Stainless steel tank with cover.
- Full line of accessories available.

Ultrasonic Cleaning Tablets

Clean & Simple is an ultrasonic / enzymatic solution dispensed in a unique tablet form. Drop 2 tablets into your ultrasonic tank already filled with tap water and the tablets will dissolve in about a minute. This is a non-ionic solution which is non-corrosive, non-toxic, biodegradable and non-caustic. Available in boxes of 64 tablets, Item No. CS0064 and 144 tablets, Item No. CS0144.

FEATURES:

- Easy to use tablet form.
- Eliminates handling of heavy 1 gallon containers.
- No bulky storage.
- No pre-mixing required.
- Enzymatic solution effectively breaks down protein.



Chamber Brite™

One of the most effective and easy to use autoclave cleaners. Chamber Brite effectively cleans and descales the chamber, reservoir, and tubing of most steam autoclaves. Available 10 per box. Item No. CB0010.

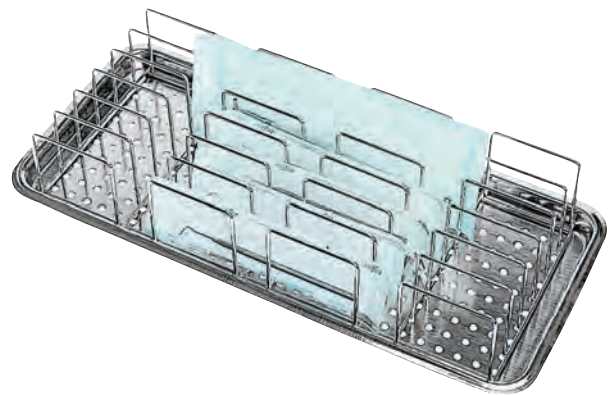
FEATURES:

- Pre-measured packs.
- No pre-mixing required.
- Usage promotes efficiency.
- Odor free.
- Easy storage.



Instrument Pouch Rack

All pouched instruments should be placed in a rack for proper sterilization and drying. Our stainless steel pouch rack is convenient for the loading and unloading of bagged instruments. (Two racks per box. Item No. AR910 for all 9" and 10" chambers. Item No. AR920 for all 15" chambers).



Water Distiller

Tuttnauer offers a distiller that provides pure water. Water that is 99% free of total dissolved solids. Eliminates the inconvenience and expense of buying bottled water.

Its ease of operation makes it ideal for any medical, dental or laboratory application. UL listed.

Available in 4 models:

Cat. No. 9000 (1 gal. System)

Cat. No. 7000* (3.5 gal. System)

Cat. No. 7000-8* (8 gal. System)

Cat. No. 7000-12* (12 gal. System)

Series 7000* is directly connected to the water supply for continuous operation.



Series 7000



Company Profile

For more than 80 years, the Tuttnauer Company has been designing and manufacturing a wide range of sterilization equipment for the Medical, Dental, Veterinary, Pharmaceutical, Biotech and Surgical markets. Drawing on this extensive experience, as well as input from its international network of sales and marketing offices, Tuttnauer is in the unique position of being able to incorporate the best design and engineering features of the international sterilization community into their standard, commercially available, infection control products.



All Tuttnauer autoclaves comply with the strictest international directives and standards: AAMI/ANSI ST-55, ASME, UL 61010-1+61010-2-041 UL file E206879, FDA cleared.



MERCOFRAMES OPTICAL CORP

5555 Nw 74 Ave. Miami, FL 33166 305-882-0120

www.mercoframes.com sales@mercoframes.net

