



Automatic Tabletop Autoclaves

# Fully Automatic Autoclaves

## Robust & Reliable

The Fully Automatic Tabletop Autoclave is designed for the needs of modern clinics where autoclaves are expected to operate non-stop every work day.

Designed for the sterilization processing needs of:

- Medical Clinics
- Dental Clinics
- Veterinary Clinics



### Self Locking Door

- Newly designed door is easy to open and close with one hand
- Self locking with double safety locking mechanism

### Closed Door Drying

- Door remains closed during the drying stage to maintain sterility and ensure efficient drying (included with EA models). A high efficiency air pump circulates filtered air through the chamber for fast drying.



### Safety Features

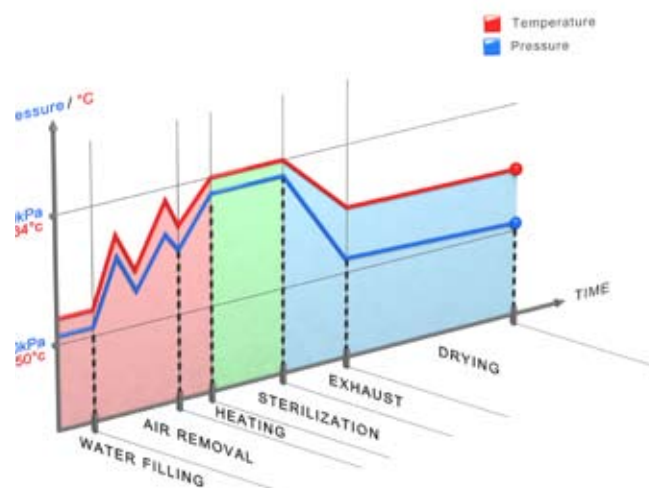
- Cycle will not start if the door is open or not properly locked
- An automated double locking safety device prevents the door from opening while the chamber is pressurized
- Safety locking device prevents door from opening until chamber pressure reaches atmospheric pressure

### Dynamic Pulsed Air Removal

- Removes air from the chamber using pulsed steam resulting in uniform temperature distribution

### Convenient Front Water Filling

- Accessible front or top water filling
- Front water filling allows you to use the space above the autoclave





## Control Panel



### Innovative Multi-Color Display

A bright multicolor LCD panel for easy reading, even from a distance.

- Wheel rotates to indicate an active cycle
- Time remaining during Water Filling, Sterilization, and Drying stages is updated in real-time
- Multilingual interface (26 languages)



### Easy Pad

Consists of 3 key buttons allowing the user to browse with ease through the pre-programmed sterilization cycles and user directories



### USB Port and Ethernet Port

For transferring cycle parameters of the latest 200 cycles



### Optional Printer

Documents detailed history of each cycle



2340E

2340EA

19 Liter  
Chamber



**EA** Models provide closed door active drying. **E** Models require door to be slightly open for drying.

2840E

2840EA

28 Liter  
Chamber



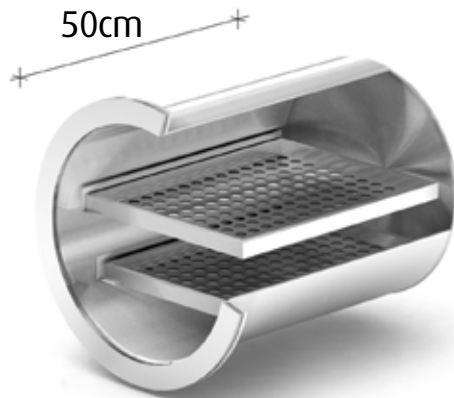
### Technical Specification

Model	Chamber Volume	Chamber Size W x D (mm)	Standard Cassette Capacity	Tray Dimensions DxWxH (mm)	No. of Trays	Voltage (V) Freq. (Hz)	Power(W) Current (A)	External Dimension DxWxH (mm)
2340E	19 Liters	230x430	2 Full & 2 Half	415x170x20	3	110V/230V 50/60Hz	1400W 6A	630x485x385
2340EA							1400W 6A	
2840E	28 Liters	280x430	4 Full & 4 Half	415x170x20	5	110V/230V 50/60Hz	1400W 6A	630x530x440
2840EA							1400W 6A	

3850E

3850EA

**65** Liter  
Chamber

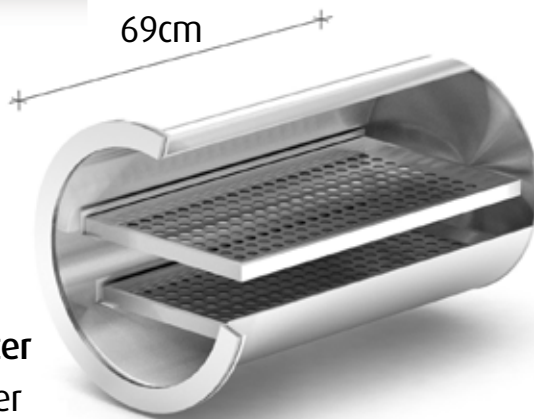


**EA** Models provide closed door active drying. **E** Models require door to be slightly open for drying.

3870E

3870EA

**85** Liter  
Chamber



## Technical Specification

Model	Chamber Volume	Chamber Size W x D (mm)	Standard Cassette Capacity	Tray Dimensions DxWxH (mm)	No. of Trays	Voltage (V) Freq. (Hz)	Power(W) Current (A)	External Dimension DxWxH (mm)
3850E	65 Liters	380x500	8 Full	495x25x286	2	230V 50/60Hz	2400W 11A	765x720x540
3850EA				495x25x350			2400W 11A	
3870E	85 Liters	380x690	12 Full	665x25x275	2	230V 50/60Hz	3000W 13A	940x720x540
3870EA				665x25x340			3000W 13A	





## Sterilization Programs

Easy to operate with 4 pre-programmed sterilization programs and 20 customizable programs

Program	Load Type	Temp. (°C)	Sterilization Time (min)	Dry Time (min)	Cycle time (in min) without drying			
					2340	2840	3850	3870
<b>Unwrapped 134</b>	Unwrapped instruments	134	3	1	17-20 min	27-30 min	30-33 min	30-33 min
<b>Wrapped 134</b>	Wrapped instruments	134	7	20	21-24 min	30-33 min	32-35 min	35-38 min
<b>Unwrapped 121</b>	Unwrapped delicate instruments	121	15	1	43-46 min	48-51 min	43-46 min	51-54 min
<b>Wrapped 121</b>	Wrapped delicate instruments	121	20	20	51-54 min	51-54 min	49-51 min	59-62 min

## Standards and Directives

Tuttnauer is careful to manufacture autoclaves according to the necessary international and local standards/directives required by our customers. Partial list of standards:

- AAMI/ANIS ST5, FDA 510(K) Cleared, Medical Device Directive 93/42/EEC, ASME Code section I and section VIII. Div.I
- EN 61010-1:2010 - Safety Requirements for measurement control and laboratory use
- EN 61010-2-40:2005 - Safety requirements for sterilizers and washer-disinfectors used to treat medical materials
- ISO 9001:2008 - Quality Management System, ISO 13485:2003 - Quality Management System - Medical Devices
- EN 14971:2007 - Application of risk management - Medical devices
- Canadian MDR (CMDR) SOR/98-282 (2006) – consolidated
- EN 13060

## R.P.C.R Software

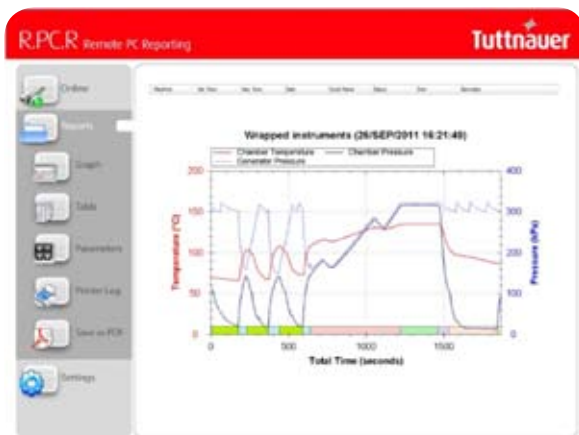
### Automatic Recording of Cycle Information to Your PC

#### Reporting You Can Rely On

- Automatic recording of cycle information to any PC on your network
- Convenient access to graphs and tables that are easy to understand
- Easily generate PDF reports
- No need to file printouts, saving you time

#### Be in Control with Real-Time Remote Monitoring

- See the real-time autoclave display on your PC
- Monitor all activity for up to 8 autoclaves



**With R.P.C.R you can see:** Graphs of the cycle data, numeric cycle data, cycle print-outs, measured values table, table of parameters.

## Accessories

### Sealing Machine

Ensures that sterilized instruments remain sealed after sterilization and maintain perfect sterility during their shelf-life.



### Water Distiller

Use mineral-free water to protect your autoclave and instruments at a fraction of the cost of bottled distilled water.



### Chamber Brite™

Chamber Brite effectively cleans and descales the chamber, the reservoir and copper tubing of any steam autoclave.



## Your Sterilization & Infection Control Partners



### Global partnerships

At Tuttnauer we feel that business means people dealing with people. We pride ourselves on our reputation for having long-lasting relationships with our customers based on commitment and trust, spanning decades of time and long distances.

### Our Flexibility is Your Advantage

Beyond our wide range of products and ability to customize products to customer requirements, we also manage complete turnkey solutions, including planning, design and installation of equipment, as well as consultation and feasibility studies, for projects of all sizes.

### More from Tuttnauer:

Featuring additional Tuttnauer product's for laboratory and life science applications.



T-Max Line of Large Sterilizers



Laboratory autoclaves ranging in size and application



Pre & post vacuum tabletop sterilizers designed to perform class B cycles

## Automatic Tabletop Autoclaves

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