

Elara Class B Tabletop Autoclaves

For Medical & Dental Clinics




Tuttnauer

Elara Class B Tabletop Autoclaves

Exceptional Performance & Exceptional Results

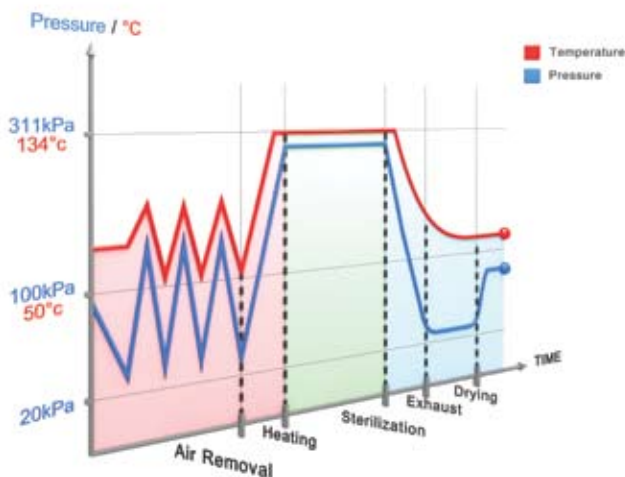
The Elara tabletop autoclave is a reliable and robust Class B Autoclave designed for the needs of modern clinics where autoclaves are expected to meet sophisticated international standards and operate non-stop every day. Elara Autoclaves are designed for the sterilization processing needs of Medical Clinics, Dental Clinics and Veterinary Clinics.

As a family owned business Tuttnauer has manufactured products for over 88 years that have developed a reputation for their quality, high performance, sophisticated features, and ability to satisfy customer expectations. Tuttnauer's sterilization and infection control products are trusted at over 250 000 autoclave installations throughout the world.



Class B Performance

Class B performance is achieved with a built-in vacuum pump used for fractionated pre vacuum air removal eliminating air pockets from all load types and maximizing efficient steam penetration throughout the entire load.





Self Locking Door

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

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



Energy Saver

- The energy saver mode can be set to activate after a specific number of minutes of no operation



Fast Cycles with Vacuum Pump and Steam Generator

Reliable Membrane Pump for Vacuum

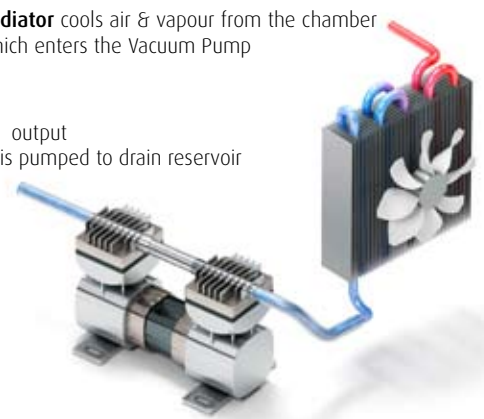
- Air is removed from the chamber using an efficient and reliable vacuum pump
- Air cooling system ensures reliable functioning of the vacuum-pump

Steam Generator

- A 3kW built-in steam generator made of high quality 316L stainless steel produces steam that is ready for immediate use allowing for very fast cycles

Radiator cools air & vapour from the chamber which enters the Vacuum Pump

output is pumped to drain reservoir



Convenient Water Filling

- Accessible front or top water filling
- Front water filling allows you to use the space above the autoclave
- Automatic feed water (optional) will automatically fill the autoclave

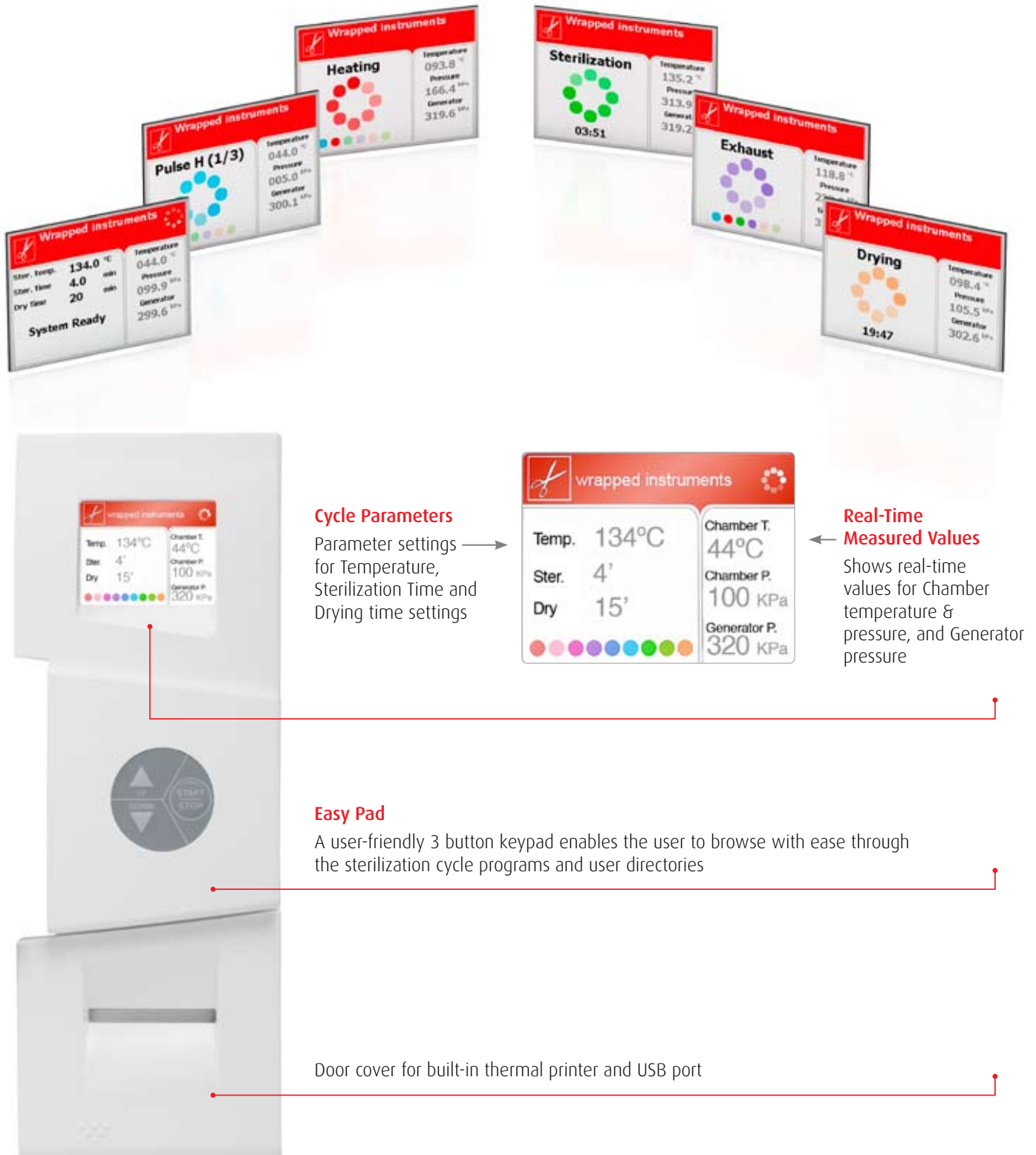
Water Quality Check

- The water reservoir includes a built-in system for checking water quality and alerts the user of poor water quality

Control Panel

Innovative Multi-Color Display

A bright LCD panel for easy reading, with multilingual interface (26 languages).



Paper Printouts

A high quality thermal printer is included with each Elara autoclave.

USB Digital Cycle Data

Documentation from the printer can be exported to a USB memory device as a soft copy of the cycle printout. Cycle data for the last 200 cycles is stored in the autoclave memory and can be downloaded when a USB memory device is connected. When no paper is available for the printer you can rely on downloading cycle data to a USB device.



USB and Printer

R.PC.R Software

Remote PC Reporting (optional PC software)

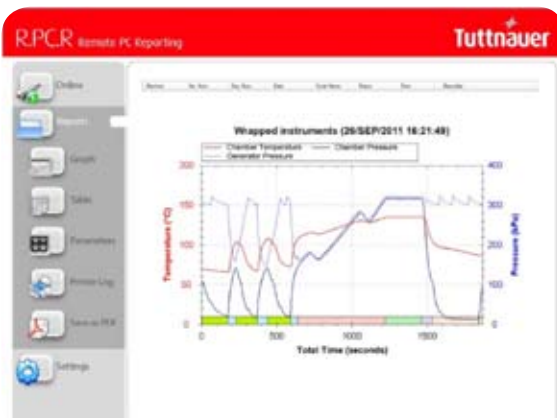
Automatic Recording of Cycle Information to Your PC

Reporting You Can Rely On

- Automatic recording of cycle information to any PC on your network (Ethernet connection at back of autoclave)
- 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.PC.R you can see: Graphs of the cycle data, numeric cycle data, cycle print-outs, measured values table, table of parameters.

ELARA 9



19 Liter 316L Stainless Steel Chamber



Elara 9 loaded with two full IMS cassettes and two half cassettes

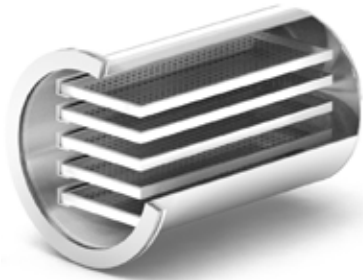


Elara 9 loaded with three stainless steel trays (handle included)

Technical Specification for Elara 9 and Elara 11

Model	Chamber Volume	Chamber Size W x D (mm)	No. of Trays	Tray Dimensions DxWxH (mm)	Standard Cassette Capacity	Voltage (V) Freq. (Hz)	Power(W) Current (A)	External Dimension DxWxH (mm)
Elara 9	19 Liters	230x430	3	415x170x20	2 Full & 2 Half	230V 50/60Hz	2200W/11A	660X485X440
Elara 11	28 Liters	280x430	5	415x170x20	4 Full & 4 Half	230V 50/60Hz	2200W/11A	660X530X440

ELARA 11



28 Liter 316L Stainless Steel Chamber



Elara 11 loaded with four full IMS cassettes and four half cassettes



Elara 11 loaded with five stainless steel trays (handle included)

Sterilization Programs for Elara 9 and Elara 11

Easy to operate with 5 pre-programmed sterilization programs, 2 test programs (Bowie-Dick and Leak test) and 20 customizable programs

Program	Load Type	Temp. (°C)	Sterilization Time (min)	Dry Time (min)	Cycle time (in min)*	
					Elara 9	Elara 11
Unwrapped 134	Unwrapped instruments	134	4	1	17	21
Wrapped 134	Wrapped instruments	134	4	20	24	27
Unwrapped 121	Unwrapped delicate instruments	121	20	1	32	34
Wrapped 121	Wrapped delicate instruments	121	20	20	34	37
Prion 134	Prion	134	18	20	34	41

* Hot start * Cycle times do not include drying and will change according to load size

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:

Quality Standards

- ISO 9001:2008 - Quality Management Systems
- ISO 13485:2003 - Medical Devices

Directives

- MDD 93/42/EEC ammended by Directive 2007/47/EC
- PED 97/23/EEC - Pressure Equipment Directive
- WEEE and RoHS
- ISO 9001:2008 - Quality Management System,

Technical Standards

- EN 13060:2004
- EN 61010-1
- EN 61326
- EN 61010-2-040
- ISO 17665-1

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.



Ultra Sonic Cleaner

Ultrasonic cleaning is a safe and efficient procedure that ensures perfect cleaning.



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