

T-EDGE Line 10 | 11

So much More
than just an Autoclave



Get your peace of mind with T-Edge, Class B Autoclave

Sterilization at the Click of a Button

Just select the required program and press "start".
I'll take care of everything else. I like to call this "Click and Go".



The fully automatic sterilization autoclave
from start to finish

So much more than just an Autoclave

- ◆ Compliance with strict international standards
- ◆ Clinically proven sterilization capabilities
- ◆ High-resolution tactile touchpad
- ◆ Innovative technology
- ◆ Simple-to-use interface
- ◆ Chic design
- ◆ Great user experience



Let me take care of the sterilization process
while you take care of your patients!

Maximum Efficiency

Minimize Costs



Reliability & Support

- ◆ Premium quality manufacturing for repeatable cycles



Safety & Traceability

- ◆ Highest safety standards, including traceable technology that monitors all process parameters.



Advanced Technology

- ◆ State of the art technology, wide range of applications, for ease-of-use.



Flexibility

- ◆ Uses integrated water reservoir, allowing the autoclave to be completely independent of location and simple to install.



Performance

- ◆ Effective cycle times



I'm so compact and stylish, you can display me anywhere



Optimal Chamber Capacity

Designed to use more than 75% of the chamber capacity,
with 5 extra-long trays

- ◆ T-Edge 10 - 3 full (1 DIN) + 3 half (1/2 DIN) dental cassettes
- ◆ T-Edge 11 - 4 full (1 DIN) + 4 half (1/2 DIN) dental cassettes



Compact & Elegant

- ◆ Designed to fit on 60cm shelves or counters
- ◆ Comfortably fits in small spaces

Accessible & Ergonomic

- ◆ Convenient and easy loading with door opening to 110°
- ◆ Assorted water filling and drainage: top, front or automatic

Data and Connectivity



Data & Connectivity

- ◆ Internal memory - storing up to 1,000 cycles
- ◆ Transfer data to PC or Network via an Ethernet connection or USB port
- ◆ Built in Wi-Fi connection



**Real-Time monitoring
via smartphone**



Enhanced Serviceability



- ◆ Sophisticated operating system that allows fast detection of faults
- ◆ Each part can be easily removed and repaired/replaced separately



Eco-friendly

- ◆ Reduced water consumption by about 40%
- ◆ Decreased energy consumption thanks to reduced cycle time
- ◆ Lower electricity costs with time-delay settings for machine to work off hours

Documentation and Traceability



1. Place pouch in chamber.



4. Apply barcode label to each pouch.



2. Complete sterilization process.



* Scan barcode data for patient file during treatment, for safety and regulatory purposes.



3. Receive barcodes with sterilization data (including expiration date).



Process completed

T-Edge complies with the strictest international standards:

Quality Management System:

- ◆ ISO 13485
- ◆ Confirms to Medical Device Directive 93/42/EEC

Pressure Vessel Certification route:

- ◆ ASME Code section I and section VIII. Div.I, PED 2014/68/EU

Electrical Safety:

- ◆ EN/IEC 61010-2-40, IEC 61010-1

Electromagnetic Compatibility:

- ◆ EN 61326-1

Verification &

Validation functional tests:

- ◆ EN 13060, ANSI/AAMI ST55

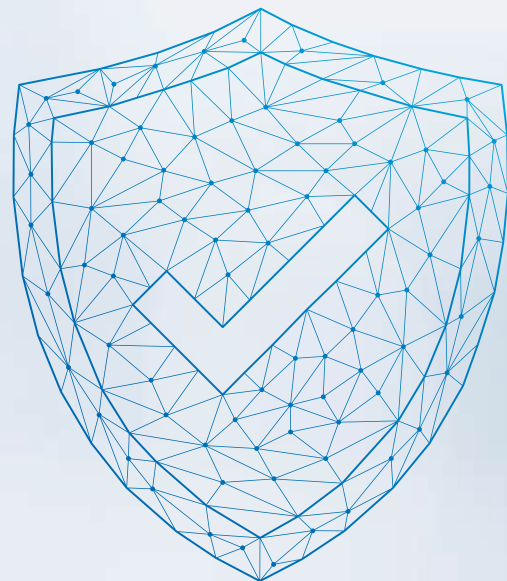
Software Validation:

- ◆ EN 62304, FDA guidance






Usability tests:

(User Experience, Human Factor Engineering)

- ◆ IEC 62366-1



Sterilization Programs

Icon	Program name	Sterilization time	Load type	Type of use
	Unwrapped 134 °C	4 min		For immediate use
	Wrapped 134 °C	4 min		For storage
	Unwrapped 121 °C	20 min	Solid / porous load	For immediate use
	Wrapped 121 °C	20 min		For storage
	Prion 134 °C	18 min		For storage
Test cycles	Bowie and Dick/Helix/Vacuum test	Chemical indicator in a product challenge device	Periodic testing as referred to in ISO 17665-1	

Technical Specifications

	T-EDGE10	T-EDGE11
Chamber Dim. ϕ x L (mm)	250 x 460	280 x 460
Chamber Volume	23 liters	27.2 liters
External Dimension	480 (W) x 500 (H) x 580 (D) mm	500 (W) x 500 (H) x 580 (D) mm
Tray Dimensions	189 (W) x 20.5 (H) x 421 (D) mm	207 (W) x 20.5 (H) x 421(D) mm
Weight	53 kg	56 kg
Power Supply	50/60Hz, 230V-1Ph+N+GND	50/60Hz, 230V-1Ph+N+GND
Number of Trays	5	5
Connections	1 Ethernet port, 2 USB ports, WIFI, integrated automatic water filling and drain connection	
Items Supplied	Drain tube, tray holder	Drain tube, tray holder





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in infection control solutions with
more than

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to clinics, hospitals and research
institutions in more than

95 years
experience

140
countries

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