Tuttnauer

Dental Solutions
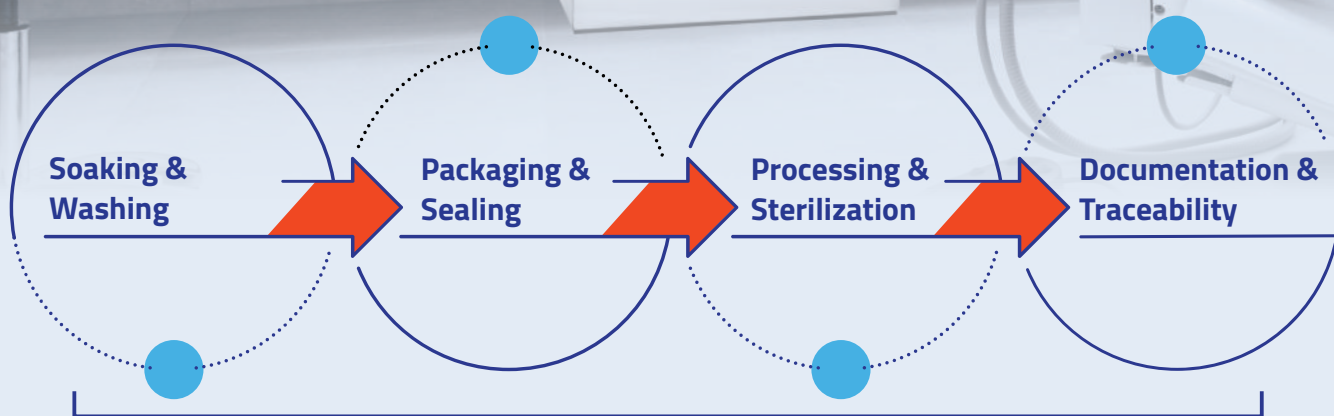
Quality Products ◆ Professional Excellence ◆ Reliable Services ◆ Time Saving Solutions

Complete Infection Control Solutions

Guiding you throughout the entire process of instrument preparation.

Soaking & Washing → **Packaging & Sealing** → **Processing & Sterilization** → **Documentation & Traceability**

Infection Control Indicators

T-Edge Dental 23 Liter Chamber

Meet The T-Edge. The Fully Automatic Sterilization Autoclave
Designed for Dental Clinics and Small Medical Practices

T-Edge 10 meets all international standards

T-Edge...So much more than just an Autoclave

Model	Chamber Dim. ø x L (mm)	Chamber Vol. (Liters)	No. of Trays	Overall Dimensions WxHxD (mm)	Autoclave Weight (kg)	Power Supply	Power Consumption	Item supplied
T-Edge 10	250 x 460	23 liters	5	480 x 500 x 580	53 kg	50/60Hz 230V-1Ph+N+GND	2200W	Drain tube, tray holder

Compact & Ergonomic

- Optimized chamber capacity (more than 75% of inside space available)
- Comes with 5 extra-long trays
- Designed for a 60 cm shelf depth
- Comfortably fits in small spaces
- Convenient loading access - large door-opening angle (110°)
- Assorted water filling and drainage methods, even if autoclave is placed inside a cabin

Intuitive User Experience

- Fully automatic sterilization autoclave from start to finish
- Simple to use interface with bright and colorful touchpad
- User-friendly touchpad and control panel for displaying programs, cycles times, water levels
- Low operation noise level, <67 DB

Eco-Friendly

- Low water usage per cycle (only 340-720 ml per cycle)
- Lower electricity costs with time-delay settings for machine to work off hours

Enhanced Traceability

- Internal memory for storing up to 1,000 sterilization cycles
- Automatic recording of cycle information using the R.PC.R program
- Printouts for saving hard copies
- Advanced documentation and traceability options and barcode

Excellent Serviceability & Safety

- 10 Year Chamber Warranty Industry longest compared to leading competitors
- Full access to the main product components
- Each part can be easily removed and repaired/replaced separately.
- Compliance with strict European standards

TIVA2 Dental 65 Liter Chamber

For washing, rinsing, disinfecting, and drying
your dental instruments prior to sterilization.

Main Basket and Input Configurations

Capacity for washing cycle:

With hand-pieces: Up to 8 small or medium cassettes or up to 3 large cassettes.

Without hand-pieces: Up to 16 small or medium cassettes or up to 6 large cassettes

CONFIGURATION 1

- Standard washing basket
- Vertical basket for mirrors and instruments
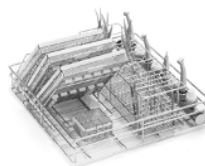- 2 x Insert for 3 Large Cassettes
- Net basket for small items

CONFIGURATION 2

- Washing Basket+ Holder for 8 Hand-pieces
- Vertical basket for mirrors and instruments
- Insert for 8 Trays or 8 Cassettes

CONFIGURATION 3

- Standard washing basket
- 2 x Insert for 8 Trays or 8 Cassettes

CONFIGURATION 4

- Washing Basket+ Holder for 8 Hand-pieces
- Vertical basket for mirrors   and instruments
- Insert for 8 Trays or 8 Cassettes
- Net basket for small items

Enhanced Traceability

- Data transfer via USB & R232
- Convenient add on printer
- Real-time indication of water level and quality
- Washer RePortal software for connecting and managing the washer data to your PC (optional)

Premium Performance

- Instruments are completely dried thanks to powerful electric blowers and heaters with a HEPA H14 filter
- PT1000 temperature sensors
- Up to 40 washing programs. 5 predefined and 35 customized
- AISI 316L Stainless Steel

Excellent Serviceability & Safety

- The only washer with a water-emptying total system (ETS)
- Easy-to-remove and wash spray arms

Compact & Ergonomic

- Smart and efficient design: Chamber capacity: 65 liters
- Double-layered tempered glass door for visual monitoring
- Large variety of Dental Baskets and inserts for customized accommodation
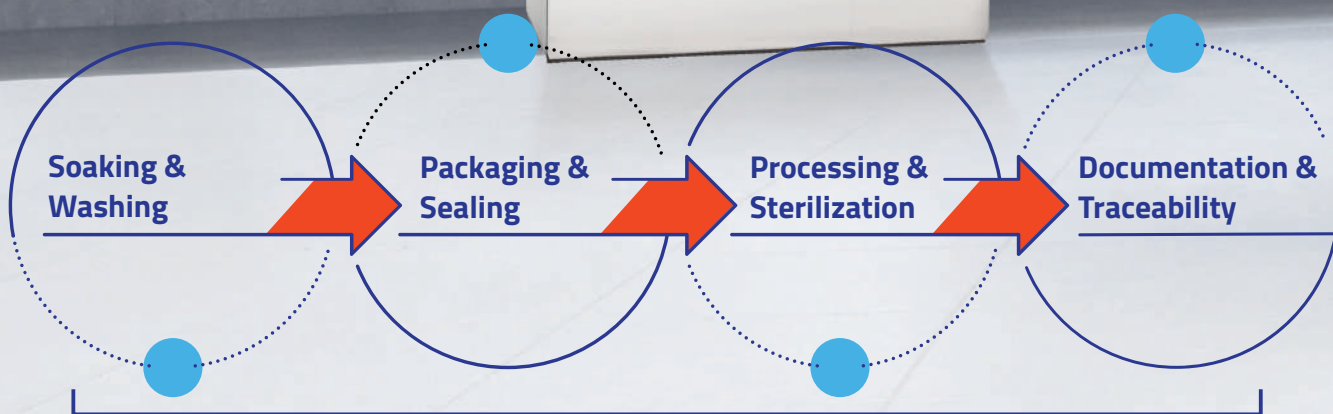
Intuitive User Experience

- A full control and all-in-one operation from a single touch panel with color display
- 3.5" LCD graphic display interface
- Multi color chamber LED light (White, Green, Red) operates during loading, unloading and running the program (optional)

Model	Chamber Dim. WxHxD (mm)	Chamber Vol. (Liters)	Capacity	Overall Dimensions WxHxD (mm)	Weight (kg)	Power Supply	Power Consumption	Item supplied
TIVA2	428x370x415	65 liters	With hand-pieces: Up to 8 small or medium cassettes or up to 3 large cassettes	595x600x520	65	230V, 1 phase, 50Hz 200V, 1 phase, 50/60Hz 380/415V, 3 phase +Neutral, 50Hz 220V, 3 phase, 60Hz	2,9 kW	Drain tube, Water supply pipes
TIVA2-H			Without hand-pieces: Up to 16 small or medium cassettes or up to 6 large cassettes	595x818x520	75		2,9 kW	Drain tube, Water supply pipes

Sterilize your equipment
at a faster pace

Guiding you throughout the entire
process of instrument preparation.

Soaking & Washing → **Packaging & Sealing** → **Processing & Sterilization** → **Documentation & Traceability**

Infection Control Indicators

TIVA8 Dental 165 Liter Chamber

High-end washer and disinfectant for washing, rinsing, disinfecting,
and drying your dental instruments prior to sterilization.
UP TO 4 washing levels of total 8 DIN baskets capacity,

Improved Productivity and Efficiency

Model	Wash Chamber dimension WxHxD (mm)	Chamber Vol. (Liters)	Capacity	Overall Dimensions WxHxD (mm)	Weight (kg)	Power Supply	Power Consumption	Item supplied
TIVA 8 -1M	550x600x500	165L	Up to 4 washing levels (8 DIN baskets)	600x860X650	100 kg	230V, 1 phase, 50Hz 200V, 1 phase, 50/60Hz 380/415V, 3 phase	6.3 kW	Drain tube, Water supply pipes
TIVA 8-WD-1M TIVA 8-HS-1M				900x860X650	115 kg 120 kg	+Neutral, 50Hz 220V, 3 phase, 60Hz 50/60Hz 50/60Hz	7 kW 8.8 kW	Drain tube, Water supply pipes

Intuitive User Experience

- A full control and all-in-one operation from a single touch panel with color display
- Graphical report of washing phases including time and temperature
- Double-layered tempered glass door for visual monitoring
- Spray Arm monitoring for continuous washing validation (optional)
- Multi color chamber LED light (White, Green, Red) operates during loading, unloading and running the program (optional)

Eco-Friendly

- Cycle time reduction thanks to a preheated water tank (only for HS model)
- 2 dosing pumps with flowmeter for precise consumption of acid and alkaline detergents
- Integrated water softener for reducing decontamination
- Built-in steam condenser for excess water and steam

Enhanced Traceability

- Comply with regulation by saving washing cycles data
- USB and RS232 connectivity
- Printer for data documentation (optional)

Premium Performance

- Instruments are completely dried thanks to powerful electric blowers and heaters with a HEPA H14 filter
- Up to three water connections for flexible operation and for optimal washing needs (cold, hot, demineralized)
- Up to 40 washing programs
- AISI 316L Stainless Steel

3870HSG Dental 85 Liter Chamber

HSG Pre & Post Vacuum - Medium Size Autoclave
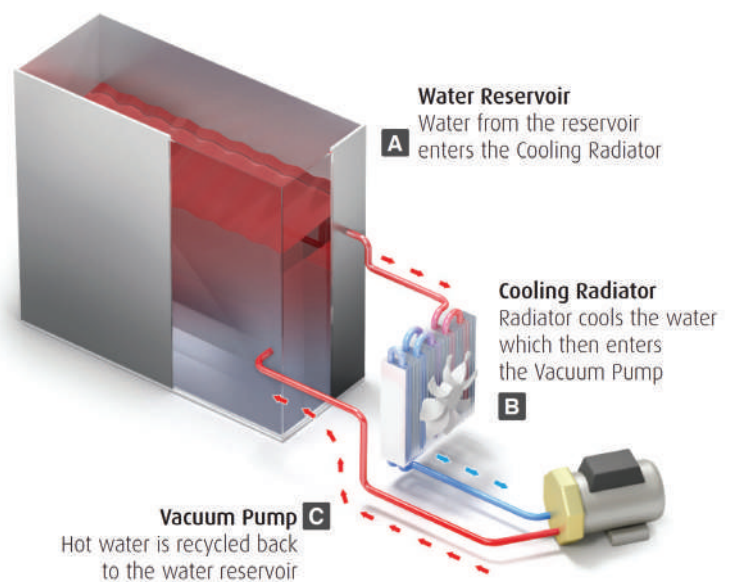
Hospital Grade Performance for Large Clinics

Complies with the Strictest
International Directives and Standards

Water Saving System

Huge water savings are achievd with the optional highly efficient water recycling system (HSG-WS model) that consumes only 5 liters of tap water per day

Water Reservoir
Water from the reservoir
A enters the Cooling Radiator

Cooling Radiator
Radiator cools the water which then enters the Vacuum Pump
B

Vacuum Pump **C**
Hot water is recycled back to the water reservoir

Compact & Ergonomic

- Minimal Footprint with narrow design
- Independent Mode - no need to connect the autoclave to the building utilities for distilled water, tap water and drain (WS models)
- Mobile and easy to move to new locations due to built-in swivel wheels

Intuitive User Experience

- Installation Made Easy – connect to utilities with flexible piping

Eco-Friendly

- Water Saving System – use only 5 liters of water a day (WS models)
- Sleep Mode - allows user to set time to switch sterilizer to minimum energy consumption

Enhanced Traceability

- Automatic Recording of Cycle Information to Your PC–R.PC.R software
- Built-in USB in order to back-up cycle data

Premium Performance

- Powerful built-in steam generator

Excellent Serviceability & Safety

- Double locking safety device prevents door from opening while chamber is pressurized
- Control system protection prevents door from opening at high pressure and temperature

Model	Chamber Dim. ø x L (mm)	Chamber Vol. (Liters)	No. of Trays	Tray Dimensions WxHxD (mm)	Overall Dimensions WxHxD (mm)	Autoclave Weight (kg)	Power (kW)
3870 HSG	384 x 758	85L	2	Small: 280 x 25 x 675 Large: 350 x 25 x 675	720x1365x1180	180 kg	9 kW

Power supply:

HSG3870: 3 ph, 208/230/400/440/480 Volts

HSG3870- WS: 1 ph, 230 Volts (requires switch box - optional) 50/60 Hz

Sterilization & Disinfection Consumables unit

Tuttnauer offers a wide range of indicators to support you sterilization & disinfection process and eventually verifies if your products is free from microbes.
Within our wide range of products, we have the fastest most affordable biological indicator, providing an answer within 20 Minutes.

Biological Indicators

STEAM
WTL198-0072

STEAM
WTL198-0058

STEAM
WTL198-0067

FLUORESCENCE
INCUBATOR
WTL198-0057

STEAM
WTL198-0056

INCUBATOR
PLZ198-0005

Fluorescence Super and Ultra Rapid readout

Conventional 24-hour readout

Chemical Indicators

WTL198-0053

WTL198-0055

WTL198-0068

WTL 198-0062 (18 min)
WTL 198-0063 (3.5 min)

Steam chemical
indicator tape

Steam chemical
indicator

Steam chemical
indicator

Steam chemical
indicator

Washing & Disinfection Indicators

WTL198-0062

WTL198-0061

WTL198-0065

WTL198-0063

Cleaning Indicator
Holder

Pre-Sterilization Tests
Bowie-Dick and Helix

Type 2 Chemical Indicators

Tuttnauer offers a wide range of infection control products including kits to meet regulatory requirements and validate the dental reprocessing quality.

WTL198-0159

Helix-PCD + Bowie-Dick simulation test strips kit

- For monitoring vacuum-assisted steam sterilizers
- Autoclave release for hollow loads in large and small vacuum-assisted steam sterilizers
- Conditions: Bowie-Dick cycle, 3.5 minutes at 134°C

WTL198-0161

Helix-PCD + chemical indicator test strips kit

- For safe release of hollow loads
- Process Challenge Device for Steam sterilization process control
- Conditions: 18 mins at 134°C

WTL198-0158

Bowie-Dick test pack chemical indicator

- For detecting inadequate air removal and steam penetration
- Test pack for vacuum-assisted steam sterilizers
- Conditions: 16.9 mins at 121°C; 4 mins at 132°C; 3.5 minutes at 134°C

WTL198-0160

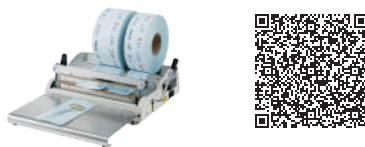**Helix-PCD + chemical indicator test strips kit**

- For safe release of hollow loads
- Process Challenge Device for steam sterilization processes control
- Conditions: 3.5 mins at 134°C

Cost-effective and reliable autoclave monitoring before and during sterilization cycles

Tuttnauer
Innovation · Legacy · Partnership

Ultrasonic Cleaner

This quiet yet highly effective cleaner uses soundwaves to rid instruments of hard deposits.

Sealing Machine

To ensure effective, quality and long-lasting sterilization until the instruments are reused.

Water Distiller

Small enough to fit on a counter; Smart enough to distill water for sterilization.

Your clinic's infection control success is backed by 95 years of experience of global leadership

Renowned global leaders in infection control solutions with more than

95 years experience

Products distributed to clinics, hospitals and research institutions in more than

140 countries

Dental

LTR330-0101/DENTAL/INT/V-4/03.22

Tuttnauer
Innovation · Legacy · Partnership

Learn from our Experts
Join our blog tuttnauer.com/blog