Tuttnauer Vet

Veterinary Autoclave Line

Better sterilization means
better **ANIMAL CARE** –
Tuttnauer Caring for Animals

Vet

The T-Vet sterilizer line fits all your sterilization needs from adjusting cycle parameters to accommodating double wrapped pouches. Helping veterinarians meet today's challenging workloads.

Designed for the needs of modern veterinary practices

Sterilization Solutions
for Private Veterinary Practices

Veterinary practices require complete end-to-end infection control & sterile reprocessing solutions that are compact and fit your needs. Tuttnauer designed complete solutions are reliable, high performing, safe and flexible. Our solutions include: T-Edge Vet, High Disinfection Thermal Washers, Validation solutions, like: Biological & Chemical Indicators, and more.

T-EDGE VET | 27 Liter Chamber

Our quality. Your peace of mind

Tuttnauer T-EDGE VET autoclave gives you high quality Class B performance that meets current international standards and regulatory requirements to protect your furry patients.

Optimal chamber capacity - More than 75% usable space, 5 extra-long trays

Convenient loading - Convenient and easy loading with door opening to 110°

Click & go - Automatic operation from start to finish with a user friendly touch screen control

Eco friendly - Reduced water consumption by about 40%

Durable Chamber - 316L Stainless steel chamber – backed with 10 years warranty

Monitoring capabilities - Smartphone app*

Flexibility - With integrated water reservoir, the stand-alone concept makes the autoclave completely independent of location and easy to install.

Safety - Highest safety with a technology that monitors all relevant process parameters, providing certainty that can be transferred via network connection or USB.

Includes:
- 5 Trays , Tray Handle
- Drain tube
- 1 instrument pouch rack

Features:

- Chic and compact design
- Fast cycles with powerful built-in vacuum pump
- Low operating noise level < 67 dB
- Lower electricity costs with time-delay settings
- Automatic feed water system (Optional)
- Integrated automatic water filling and drain connection

Connectivity:

- Internal memory storing up to 1,000 cycles
- Printouts for saving hard copies (Optional)
- Ports: 1 Ethernet, 2 USB for transferring data
- Includes WI-Fi
- Advanced Barcode Workflow Traceability
- RPCR software for remote monitoring (Optional)

Model	Chamber Dim. x L (mm)	Chamber Volume	Overall Dim. WxHxD (mm)	Standard Cassette Capacity*	Tray Dim. WxHxD (mm)	No. of Trays	Voltage Freq.	Power Current	Weight (kg)
T-Edge Vet 11	280 x 460	27.2 liters	480x 500x 6000	4 Full + 4 Half	207x 20.5 x 421	5	230v 50/60 Hz	1960W 10A	56 kg

*Compliance with strict safety standards (FDA , ASME, PED , ISO 13485)

T-TOP VET | 21 Liter Chamber

Efficiency with Maximum Reliability

Tuttnauer T-TOP VET class B autoclave offers the universal capacity, handed to you, in an affordable and reliable solution you can count on for managing your daily practice sterilization process workload.

Plug and Play– No dedicated installation connections needed, simply a power source

Click & go - Automatic operation from start to finish with a user friendly touch screen control

Traceability & Connectivity – Advanced Technology that provides real-time data intellgence

Reliable Performance – Quality product that will do all you need

Safety - Highest safety with a technology that monitors all relevant process parameters, providing certainty that can be transferred via network connection or USB.

Includes:

- **4 Trays , Tray Handle**
- **Drain tube**
- **1 instrument pouch rack**

Features:

- Chic and compact design
- Multicolour user-friendly touch screen with intuitive icons
- Easily start and run programs
- Compact and ergonomic, designed to fit into your space
- Advanced T-Connect technology to deliver longevity and reliability
- Time saver setting to set tests and sterilization cycles to start at any time

Connectivity:

- Internal memory storing up to 500 cycles
- Printouts for saving hard copies (Optional)
- 2 USB for transferring data
- Includes WI-Fi
- Monitor devices remotely and download device data
- Remotely access cycle history, get notifications and alerts.

Model	Chamber size	Chamber Volume	Overall Dim. WxHxD (mm)	Tray Dim. WxHxD (mm)	Max.# of Trays	Water filling	Weight	Connections
T-TOP Vet	249 (Ø) x 450 (D) mm	21L	585x 462x460	375 x185x15	5	manual	45 kg	2 USB ports, Wi-Fi

*Compliance with strict safety standards (FDA , ASME, PED , ISO 13485)

High Thermal Disinfection Washers
for Veterinary Instruments

Small, Reliable and Customizable

The Tiva washer disinfectors provides a flexible turnkey solution for washing, disinfecting and drying diverse veterinary instruments for a complete decontamination life cycle. The TIVA washer can be loaded up with multiple washing levels with a large variety of washing trolleys and accessories and is best suited for clinics and vet practices.

TIVA2

The fully automatic washer disinfector for your private veterinary practice. The TIVA2 Washer Disinfector-Washer simplify is designed to simplify your and ensure the safety of your patients and staff.

Simple Operation and Monitoring

- Smart and efficient design
- User friendly and easy to use
- Data transfer via USB and R232
- Two PT100 temperature sensors
- Standard electrical connection
- Convenient add-on printer
- Operated by a touch-keyboard and 3.5" LCD graphic display interface

Optimal Results

- Three predefined operation programs
- 37 customizable programs
- Thorough drying using a dedicated blower
- Integrated steam condensor
- Real-time indication of water level and quality

Reliable Functionality

- Robust 316L stainless steel chamber
- Durable and transparent glass doors
- 0.9 kw heaters for comprehensive drying
- Advanced water softening system
- Energy efficient and cost effective

Easy to Clean and Maintain

- The only washer with a water-emptying total system (ETS)
- Easy-to-remove and wash spray arms
- Long-lasting components require minimal servicing

Model	Wash Chamber Dimension WxHxD (mm)	Chamber Vol. (Liters)	Capacity	Overall Dimensions WxHxD (mm)	Weight (kg)	Power Supply	Power Consumption	Item supplied
TIVA 2	415X370X423			595X520X600	65 kg	230V, 1 phase, 50Hz 200V, 1 phase, 50/60Hz	2.9 kW	
TIVA 2X*	415X370X425	65L	1 washing level, 1 DIN basket with 4 customizable configurations	595X520X600	65 kg		2.9 kW	Drain tube, Water supply pipes
TIVA 2H	415X370X424			595x520x818	75 kg	380/415V, 3 phase +Neutral, 50Hz 220V, 3 phase, 60Hz	2.9 kW	

*Stainless Steel Door and Without Active Drying System

Sterilization Solutions
for Large Veterinary Hospitals and Clinics

Veterinary hospitals requires sterilization standards that include high performing large capacity machines. Tuttnauer has designed solutions that meet the needs of different capacity requirements, that ensure no delay with instrument sterilization and heavy workloads. Our solutions include: Large Capacity Autoclaves, Medium-to-Large High Disinfection Thermal Washers, Low-Temp Plasma H2O2 Sterilizers, Monitoring & Validation solutions, like: Biological & Chemical Indicators.

HSG 3870 | 85 Liter Chamber
HSG 5075 | 160 Liter Chamber

A large capacity fast cycle sterilizer that operates 24 hours a day.
The HSG free-standing and mobile autoclave is a hospital grade Class B autoclave, suitable for large veterinary clinics and operating rooms. Designed to be a fast cycle sterilizer that operates 24 hours a day. Made of 316L Stainless Steel Chamber & trays.

- **Easy to use:** Multi-colored display, pre-programmed cycles
- **Safe:** Automatic double locking door
- **Fast & efficient:** Coiled jacket increases cycle speed & performance
- **Pre & Post Vacuum Performance:** High volume water-ring vacuum pump
- **Easy to move & install:** Mounted on mobile wheels
- **Excellent Serviceability:** Connects to utilities with flexible piping for an easy installation
- **Green and Eco friendly:** Water Saving System, uses only 5 liters of water a day
- **Plug & Play:** Independent Mode - no connection to utilities

HSG include 5 fixed sterilization programs, 2 test programs and 22 customizable sterilization programs.

Cycle Program	Load Type	Ster. Time (min)	Dry Time (min)	Total Time without drying (min) * 3870HSG	5075 HSG
Unwrapped 134°C	Unwrapped instruments	4	1	31	24
Wrapped 134°C	Wrapped instruments	7	20	34	37
Unwrapped 121°C	Unwrapped delicate instruments	20	0	33	36
Wrapped 121°C	Wrapped delicate instruments	20	20	46	50
Prion 134°C	Prion	18	20	45	50
Leak Test	No load	-	-	24	31
Bowie & Dick Test	PCD 134°C	3.5	2	12	21

Cycle times are based on: 5kg load for 3870HSG, 8kg load for 5075HSG, and do not include drying. Cycle times based on warm chamber and may change according to load size. Bowie & Dick Test is also suitable for Helix test device. Leak Test checks that the chamber under vacuum does not leak.

Model	Chamber Dim. ø x L (mm)	Chamber Vol. (Liters)	No. of Trays	Tray Dimensions D x W x H (mm)	Overall Dimensions W x H x D (mm)	Autoclave Weight (kg)
3870 HSG	384 x 758	85L	2	Small: 286 x 25 x 675 Large: 350 x 25 x 675	720 x 1365 x 1180	180 kg
5075 HSG	500 x 750	160L	2	Small: 310 x 21 x 698 Large: 471 x 21 x 698	857 x 1660 x 1286	366 kg

TIVA8

The TIVA8 is a high end washer and disinfectant for washing, rinsing, disinfecting, and drying your veterinary instruments prior to sterilization. UP TO 4 washing levels of total 8 DIN baskets capacity. Designed to simplify your work and ensure the safety of your patients and your staff.

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 3 water connections for flexible operation and for optimal washing needs (cold, hot, demineralized)
- Up to 40 washing programs
- AISI 316L stainless Steel

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 +Neutral, 50Hz 220V, 3 phase, 60Hz 50/60Hz 50/60Hz	6.3 kW	Drain tube, Water supply pipes
TIVA 8-WD-1M TIVA 8-HS-1M				900x860X650	115 kg 120 kg		7 kW 8.8 kW	Drain tube, Water supply pipes

PlazMax P50 | 47Liter Chamber
PlazMax P110 | 110 Liter Chamber
PlazMax P160 |162 Liter Chamber

A reliable and robust veterinary sterilizer, ideal for clinics

PlazMax is a low temperature vaporized hydrogen peroxide sterilizer.
PlazMax provides an efficient sterilization solution for heat & moisture sensitive equipment for veterinary clinics.
With PlazMax you get increased productivity, reduced risk of work stoppage, and efficient supply of sterilized equipment where it's needed.

- Gastrointestinal GI endoscope sterilizer
- Deep H2O2 penetration
- Advanced and Flexible Controller
- Lumens PCD (Process Challenge Device)

Advanced and easy to use control
State-of-the-art control system with multicolor touch screen,
equipment tracking & maintenance notification.

35 Minutes fast and productive
PlazMax cycle times are as low as 35 minutes.

Clean technology
Non-toxic sterilizing agent results in water and oxygen by-products Low electricity
consumption, no water consumption.

Low running cost
With PlazMax you are free to use commonly available consumables that are suitable for
sterilization with vaporized hydrogen peroxide such as indicators, pouches, rolls as well as
Tuttnauer's biological & chemical indicators.

Model	Normal Cycle (Non-hollow loads)	Advanced Cycle (Hollow loads)	Heavy Duty Cycle (Hollow and Non-hollow loads, Containers	Endoscope *
	Cycle Time (min.)	Cycle Time (min.)	Cycle Time (min.)	Cycle Time (min.)
P50	35	40	50	28
P110	39	44	55	30
P160	43	48	60	41

Test Cycles	Description
Test I	Penetration Test
Test II	Leakage Test

* Endoscope cycle: Short heating time and reduced H2O2 exposure time Note: Cycle times may vary according to load volume.

Model	Volume (Liter)	(WxHxD/D 2-doors) mm	(WxD cm)	Current (A)	1-Phase 50-60 Hz
P50	47	702 x 1528 x 729 / 736	1 (40 x 60)	3100 W 13.5 A	230 V
P110	110	702 x 1768 x 729 / 736	2 (40 x 60)	4300 W 18.7 A	230 V
P160	162	702 x 1768 x 1029 / 1036	2 (40 x 90)	4300 W 18.7 A	230 V

Your Sterilization & Infection Control Partners

Since 1925

Tuttnauer encompasses a century of industry experience and innovation for sterilization and infection control solutions are trusted by hospitals, laboratories, and clinics in more than 140 countries.

With a long global history of delivering a complete sterilization solution in the healthcare and life science industries. We are proud to have installed over 350,000 sterilization and infection control products around the world.

Washing & Disinfection Indicators

WTL198-0062

WTL198-0061

WTL198-0065

Cleaning Indicator Holder

WTL198-0063

Vet

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