

HEALTHCARE LINE

Horizontal Steam Sterilizers

**CLASS B
PRE & POST
VACUUM**



The ideal combination of Quality, Safety and Flexibility ...
Tuttnauer's healthcare autoclaves are the most advanced,
dependable and easy to use sterilizers available today.

Horizontal Steam Sterilizers for Healthcare Applications

The Tuttnauer line of healthcare sterilizers are designed for hospital operating rooms, central sterile supply departments, ambulatory surgery centers, dental schools, and other clinical settings. Our autoclaves come standard with FDA cleared cycles to sterilize surgical instruments, utensils, gowns, wrapped/unwrapped goods and other health care instruments and supplies. All sterilizers are equipped with reliable non-proprietary components, maximizing “uptime” while providing an ultra low total cost of ownership. Autoclaves continue to be the first line of defense against infection and Tuttnauer takes this responsibility seriously.



Quality

Engineered with People in Mind

Our quality features enable the convenience and durability needed to operate an autoclave with complete peace of mind. The fully jacketed chamber is constructed of long lasting 316L grade stainless steel with superior corrosion resistance. The sterilizer pipes and fittings are constructed from stainless steel and brass. The pneumatically operated valves significantly reduce maintenance and downtime. The steam can be provided to the autoclave from the building's central source, or an integral carbon steel electric steam generator.

Advanced Control System for your Healthcare needs.

Take advantage of Tuttnauer's sophisticated user-friendly control system, BacSoft, for repeatable high performance.

Standard Features:

- 7" Multi-color touch screen panel
- Stores the last 100 cycles in built in memory
- Multiple access levels and user passwords for added security
- Diagnostic in/out test (enables technician to check each system component separately)
- RS232, USB Ports
- Ethernet Connection
- Internal Battery Backup

Safety

Safety is Our Top Priority

Door Safety

The autoclave doors are designed with a number of independent mechanical and digital safety features. This guarantees that if a problem should occur, an autoclave failure will be prevented.

- Multiple safety devices prevent the operator from opening the door when chamber is pressurized
- A cycle cannot start if the door is open or not properly sealed
- The door will not open until the pressure reaches a safe level
- Sliding Door Safety - The sliding door progress will automatically stop if an obstruction is detected



The screenshot shows the control panel interface. At the top, there is a 'Wrapped' status indicator with a scissors icon. Below it, the word 'READY' is displayed in large red letters. A table shows cycle parameters: Ster [°F] at 270.0, Ster [min] at 4, and Dry [min] at 20 (highlighted in a red box). To the right, a 'Control' section shows '248.7 °F' for both Reference and Chamber, and '14.5 psi' for Jacket and 17.4 psi for another parameter.

Equipment Warranty

Coverage includes one year on parts (except expendables) and one year on labor. The ASME pressure vessel is further warranted to the original owner against material and workmanship failure for a period of 15 years from the date of initial operation.

Printer

For clear and concise documentation of the sterilization process, the control unit is provided with a built-in printer. This provides real-time cycle data including the pressure, temperature, change of phase, alarms and a summary at the end of the cycle.

Standards

Our high quality healthcare autoclaves comply with the strictest international directives, standards and guidelines, including AAMI, UL, FDA, CE, ASME, CSA, MDSAP, Health Canada.



General Safety Features:

- Double Independent Monitoring: The combined digital and mechanical monitoring provides a cross reference and guarantees accurate results. The operator has two independent means to monitor temperature and pressure.
- Safety Valves: Both the chamber and the jacket are equipped with safety valves - if the pressure exceeds the allowed limit the safety valves will discharge
- Steam Generator Safety: A water level monitoring system maintains a constant water level and ensures safe operation of the heaters
- Emergency shut-off: Easily accessible emergency switch for immediate cycle shut-off

A Flexible Range of Sizes and Models

We offer an unmatched range of models that are available in three common chamber sizes. The chamber sizes range from 16"W x 16"H - 26"W x 26"H cross sections. Each model is available with a single automatic vertical sliding door.



Tuttnauer Healthcare Autoclaves with chamber volumes ranging in size from 120 Liters to 430 Liters.

Tuttnauer offers 3 different models:

Model	Chamber Dimensions (Inches)	Chamber Volume Cubic Feet (Liter)
4472	16x16x28	4 (120)
5596	20x20x38	9 (250)
6690	26x26x39	15 (430)



Model 6690



Models 4472/5596

Vertical Sliding Door

Additional Options

Loading Equipment

Our loading equipment assists with the loading and unloading process. It is made of high quality, durable stainless steel. We offer two options:

- **Rack & Shelves:** Stainless steel electropolished trays equipped with rails for easy loading and unloading. The trays are sliding, extendable and removable.
- **Loading Cart and Transfer Carriage:** The adjustable loading cart rolls from the transfer carriage onto the interior chamber tracks for easy handling of heavy loads. The transfer carriage is equipped with two swivel wheels, maximizing mobility in limited space. The transfer carriage is also equipped with wheel locks to stabilize the load, if needed.



Air Removal Method

Tuttnauer's sterilization method substantially shortens cycle times. This is achieved by evacuating air from the chamber with either a water ejector or liquid ring vacuum pump, combined with steam pressure pulsing. (Models 4472/5596 come standard with a water ejector, model 6690 comes with a liquid ring vacuum pump.)

Mounting

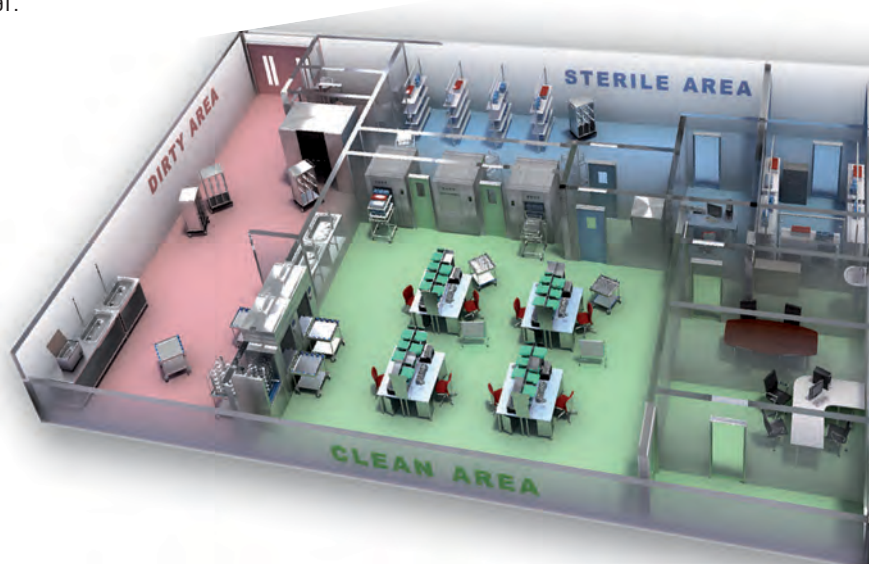
The sterilizer can be supplied in one of the following mounting alternatives.

- Recessed in One Wall
- Free-Standing with a Stainless Steel Cabinet Enclosure

CSSD Design

The design of a central sterile supply department requires many considerations: Proper design of areas within the department, choosing the right equipment and understanding the needs of the OR.

Tuttnauer manages complete turnkey solutions, including planning, design and installation of equipment. The Tuttnauer team will come up with innovative solutions and space saving ideas that are tailored for the needs of your hospital.



Your Sterilization & Infection Control Partners

Company Profile

For over 95 years, Tuttnauer's sterilization and infection control products have been trusted by hospitals, universities, research institutes, clinics and laboratories throughout the world. Supplying a range of top-quality products to over 140 countries, Tuttnauer has earned global recognition as a leader in sterilization and infection control.

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, spanning over decades and distances and for building solid, long-term relationships based on commitment and trust.

Our Flexibility is Your Advantage

Beyond our unmatched range of products, 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 Tuttnauer's range of cleaning, disinfection and sterilization solutions.

Thermal High Disinfectant Washers

TIVA8 Washer



TIVA2 Washer




T-Edge Autoclave



Biological Readers & Indicators


WTL198-0058



1 HOUR


Rapid 1 Hour Biological Indicator

WTL198-0057



Mini Bio-Nova Reader


WTL198-0072



20 MIN

Ultra Rapid 20 Minute Biological Indicator

WTL198-0079



BioNova Reader

