

HEALTHCARE LINE

3870HSG-WS

Pre & Post Vacuum Autoclave
85L / 22.5 Gallon Chamber



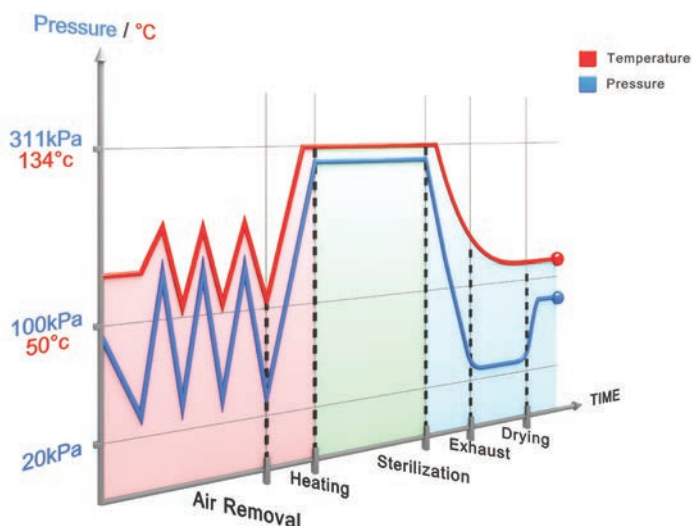
Economic Line

Healthcare Autoclaves

Hospital Grade Performance for Ambulatory Surgery Centers, Large Clinics & Veterinary Hospitals

The 3870HSG-WS autoclave is an 85 liter autoclave that is ideal for ASC's and large clinics. The 3870HSG-WS autoclave provides hospital grade sterilization and medium loading capacity at a cost-effective price that meets the highest international standards.

- ▶ PRE & POST VACUUM, CLASS B
- ▶ COMPACT
- ▶ WATER SAVING
- ▶ PLUG & PLAY
- ▶ EASY TO MOVE - EASY TO INSTALL
- ▶ COST-EFFECTIVE PRICING



Pre & Post Vacuum Performance

Pre & Post vacuum 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. After the sterilization stage the vacuum pump is used for post-vacuum drying, resulting in bone-dry load at the end of the cycle.



COMPACT

Narrow Design - fits through standard doorways
Minimal Footprint - high capacity autoclave which does not require a lot of space



GREEN

- Water Saving System – up to 5 liters of tap water per day only
- Sleep Mode - Control system switches off while not in use. The generator remains active 24 hours per day!
- Low Rate Cycle - you can run your sterilizer after work hours, by setting a delayed start time



PLUG & PLAY

Independent Mode - no need to connect the autoclave to the building utilities for distilled water, tap water or drain



EASY TO MOVE - EASY TO INSTALL

- Mobile – easy to move to new locations due to built-in swivel wheels
- Installation Made Easy – no need for complicated utility connections
- Adjustable Floor Layout – easy installation adjusted to floor layout



COST EFFECTIVE PRICING

Efficient Chamber Design – rounded chamber allows for economic performance, without compromising sterilization performance



Sterile Processing Department



(A) High Thermal Disinfectant Washer (B) 5075HSG, (C) 3870HSG-WS, (D) Steri-Center Packing Table

Innovative Control System



Dynamic Multi-Color Display

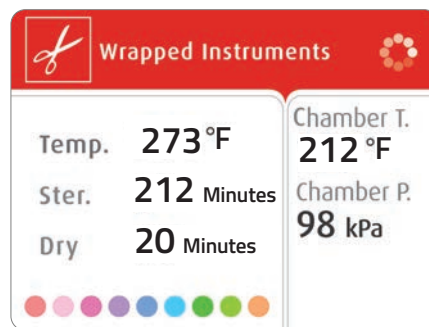
A bright multicolor LCD panel for easy reading, even from a distance.

- Wheel rotates to indicate an active cycle
- Time remaining during Water Filling, Sterilization, and Drying stages is updated in real-time

Sterilization



Exhaust



Digital Data on Your PC

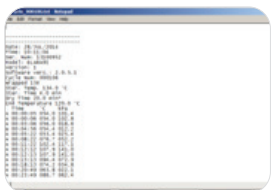
Save cycle data files on your PC with no additional software or specialized hardware



Connect USB memory



Select "Export History"



View Cycle Data Files on Your PC



Connect USB memory to your PC

Built-in Printer

Documents detailed history of each cycle

R.PC.R Software

Automatic Recording of Cycle Information to Your PC

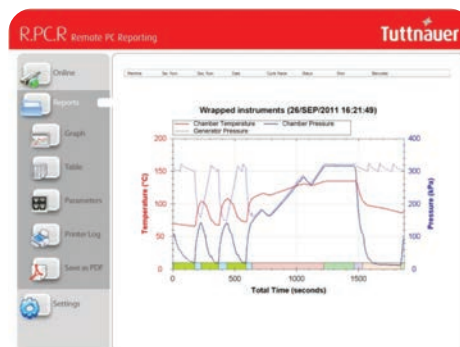
Reporting You Can Rely On

- Automatic cycle data recording to any PC on your network
- Convenient access to graphs & tables
- 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

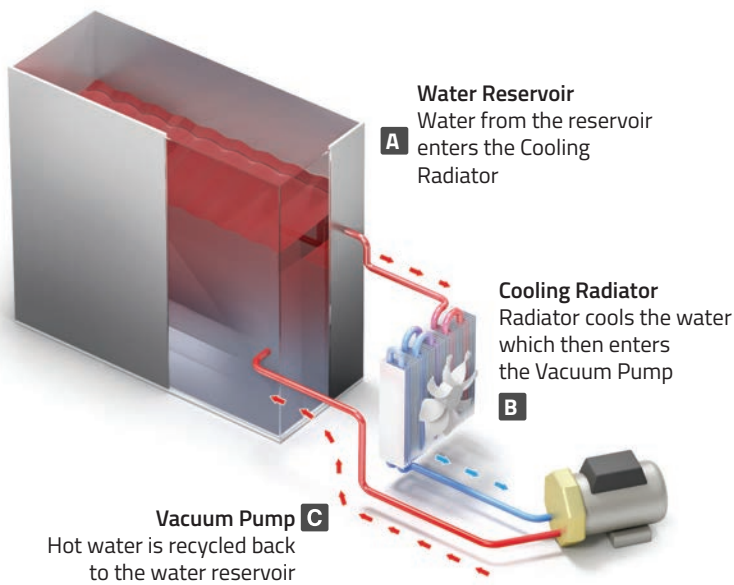
R.PC.R Software is optional.



With R.PC.R you can see: Graphs of the cycle data, numeric cycle data, cycle print-outs, measured values table, table of parameters.

Water Saving System

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



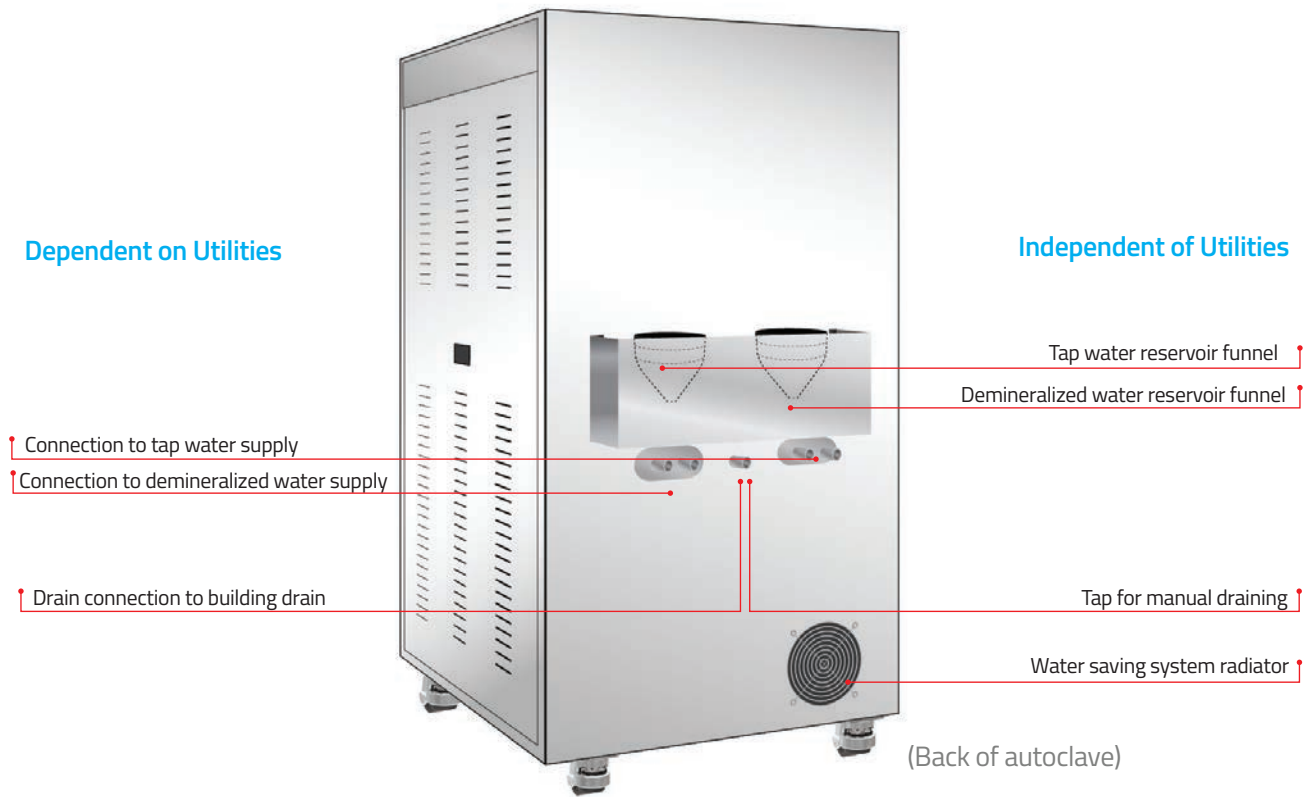
Utility Connection Features

Dependent on Utilities

The HSG-WS can be operated as a stationary sterilizer connected to building utilities for distilled water, tap water, drain and electricity.

Independent of Utilities

The HSG-WS comes with a standard “Plug and Play” option to operate only with an electric power connection. In this mode there is no need to connect the autoclave to the building utilities for distilled water, tap water and drain. With this option it is also possible to connect to utilities.



Safe & Reliable

- Double locking safety device prevents door from opening while chamber is pressurized
- Control lock-out switch prevents starting a cycle if door is not properly locked
- Control system protection prevents door from opening at high pressure and temperature

3870HSG-WS - 85 Liter Chamber

The 3870 HSG-WS is a hospital grade Class B autoclave, suitable for large medical & dental clinics, and operating rooms. Designed to be a fast cycle sterilizer that is mobile, operates 24 hours a day, and can optionally operate independent of building utilities.

- Automatic locking door
- Powerful built-in steam generator
- 85L Chamber & trays



3870HSG-WS Dimensions



Technical Specifications

Model	Chamber Dim. ϕ x L (In.)	Chamber Vol. (Liters)	No. of Trays	Tray Dimensions W x H x D (In.)	Overall Dimensions W x H x D (In.)	Autoclave Weight (lbs.)
3870 HSG-WS	15.2" x 29.9"	85L	2	Small: 11.3"x 1"x26.6" Large: 13.8"x 1"x 26.6"	28.4" x 53.8" x 46.5"	701 lbs.

Complies with the Strictest International Directives and Standards

Quality Standards

- ISO 9001:2015 - Quality Management Systems
- EN ISO 13485:2016 Quality Management System – Medical Devices
- In compliance with 21 CFR part 820 & part 11

Directives

- MDD 93/42/EEC amended in Directive 2007/47/EEC
- PED 2014/68/EU - Pressure Equipment Directive
- 2012/19/EU WEEE and 2017/2102 RoHS

Technical Standards

- EN 285: 2015 Large steam sterilizer
- EN 61010-1: 2010
- EN 61326-1: 2013
- EN 61010-2-40: 2015
- FDA Approved
- ANSI/AAMI/ST8:2013 (R2018)
- ANSI/AAMI - ST55:2016
- ASME Code section I and section VIII. Div.I

Electrical Specifications

Model	Voltage (Volts) / Frequency (Hz)	Power (kW)
3870HSG – WS	3 ph, 230 Volts, 25 Amp., 60Hz	9 kW

Your Sterilization & Infection Control Partners

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.



Supporting products

A Complete Infection Control Solution

Based on our decades of infection control knowledge and experience, Tuttnauer delivers a comprehensive range of accessories and consumables for precise monitoring and control of hygiene, cleaning, disinfecting, processing and sterilization. Delivering high quality, reliable and easy to use range of products.

Tuttnauer delivers highly reliable indicators for the routine monitoring of sterilization processes to ensure the elimination of highly resistant bacteria on reusable tools and instruments.



Rapid & Ultra Rapid Indicators
WTL198-0058
WTL198-0072



MiniBio Auto-Reader Incubator
WTL198-0057



TIVA8 High Disinfector Washer,
TIVA8-MD 1 MEDICAL
TIVA8-MD 1 DENTAL



T-EDGE AUTOCLAVE
Class B Autoclave
T-EDGE10B 110V & 220V
T-EDGE11B 110V & 220V



Process Challenge Device
20 Minute & 1 Hour
WTL198-0075
WTL198-0077



Chemical Indicator
Multi Variable, Type 4
WTL198-0081



Process indicators
Self-adhesive tape
WTL198-0053



Chemical Indicators
Integrator, Type 5
WTL198-0082



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