



5075HSG | Laboratory & Scientific Line



# Laboratory & Scientific Line



## Model 5075HSG

The 5075HSG is a fully featured 160 liter stand-alone pre & post vacuum autoclave. Many years of expertise with industrial sterilization technology have been packaged into the 5075 autoclave models to make them ideal laboratory grade autoclaves.

The 5075HSG is a mobile free-standing unit. They are as simple and easy to use as any Tuttnauer tabletop autoclave.

The 5075HSG comes with a built-in 20kW carbon steel electric steam generator for fast sterilization cycles. The generator also comes standard with an automatic blow down feature.

The 5075HSG autoclave chamber is surrounded by a coiled jacket that increases overall cycle speed and performance by maintaining chamber warmth when in stand-by mode. The coiled jacket also ensures uniform heat distribution throughout the chamber. The system provides a deep and powerful vacuum due to a high volume water-ring vacuum pump for reliable and complete air removal. The 5075HSG offers all the features and reliability of a large capacity, laboratory grade autoclave at a fraction of the size and cost.



## Controls & Monitoring

The 5075HSG is equipped with the BacSoft control system utilizing a multicolor screen and touch pad. The sterilizer is provided with a total of 10 programs, including two test cycles, with a full temperature range. A built-in printer is also included, providing real-time cycle data including the pressure, temperature, change of phase, alarms and a summary at the end of the cycle.



### Innovative Multi-Color Display

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

- Wheel rotates to indicate an active cycle
- Multiple access levels for added security



### Easy Pad

Consists of 3 key buttons allowing the user to browse with ease through the pre-programmed sterilization cycles and user directories



### USB Port and Ethernet Port

For transferring cycle parameters of the last 100 cycles



### Printer

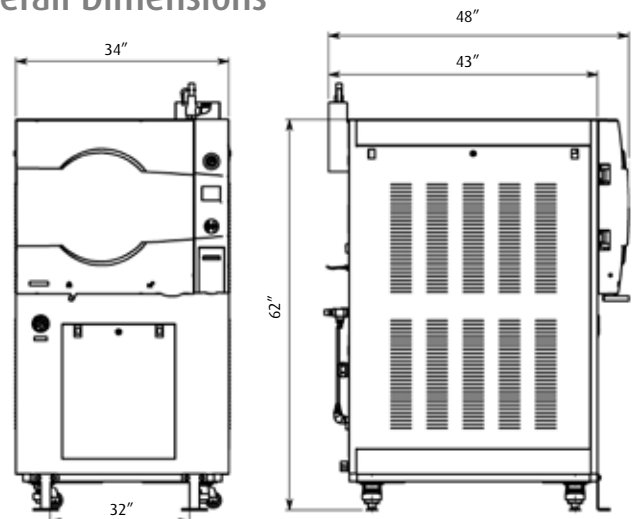
Documents detailed history of each cycle



## Autoclave Features

- High volume water-ring vacuum pump for fast and efficient air removal
- Stand-by heating mode keeps the autoclave warm and ready for use
- 316L grade stainless steel chamber and door with electropolish finish
- Two RTD load probes for liquid cycles
- Double locking safety device prevents door from opening at high pressure and high temperature
- Control lock-out switch prevents starting a cycle if door is not properly locked
- Built-in alpha-numeric printer
- Mounted on wheels for easy mobility and sterilization on demand

## Overall Dimensions



## Specifications

Specifications	5075HSG (Includes Built-In Generator)
Chamber Dimensions Ø x L (inches)	19.5" x 29.5"
Chamber Volume (Liters)	160
No. of Shelves	2
Shelf Dimensions W x H x L (inches)	Small: 11.9" x 0.8" x 27.6" Large: 18.6" x 0.8" x 27.6"
Electrical Requirements (Control System, Vacuum Pump)	1-Phase, 120V, 20 AMP
Electrical Requirements ( 20kW Generator )	3-Phase, 208V, 56 AMP (Draw)
	3-Phase, 480V, 25 AMP (Draw)
Plant Steam Supply	N/A
Cold Water Supply *Contact Tuttnauer for recommended water quality	3/4" NPT
Building Drain *Floor Sink Recommended	2"
Heat Load to Room (Btu/Hr)	4750
Overall Dimensions WxHxL (Inches)	33.6" x 65.4" x 44.8"
Autoclave Weight (Lbs)	935

\* Contact a Tuttnauer representative to obtain certified drawings.

\* Due to continuing equipment development, specifications are subject to change without notice.

## Your Sterilization & Infection Control Partners

For over 92 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.

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