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› Tuttnauer T Edge 10 Fully Automatic Autoclave Sterilizer User Manual

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Model: T Edge 10

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of the Tuttnauer T Edge 10 Fully Automatic Autoclave Sterilizer. The T Edge 10 is designed to meet the most current sterilization standards, including ANSI/AAMI ST55, ensuring high sterilization levels and robust construction for longevity. It features a 10-inch chamber and is capable of gravity and airflow removal, with an upgradable option for pre/post vacuum cycles via software.



Figure 1: Front view of the Tuttnauer T Edge 10 Autoclave Sterilizer, showing the control panel and door.

Key features include:

- Overall Dimensions (DxWxH): 21.1" x 18.89" x 19.7"
- Chamber Volume: 6 Gal / 23 Liters
- Chamber Size (Depth x Ø): 18" x 10" diameter
- Tray Capacity: 5 Trays

2. SETUP

Proper setup is crucial for the safe and effective operation of your autoclave.

2.1 Unpacking and Inspection

1. Carefully remove the autoclave from its packaging.
2. Inspect the unit for any visible damage that may have occurred during shipping. Report any damage to your supplier immediately.
3. Verify that all components listed in the packing list are present.

2.2 Placement

- Place the autoclave on a stable, level surface capable of supporting its weight when full.
- Ensure adequate clearance around the unit for ventilation and maintenance access.
- Avoid placing the unit near heat sources or in direct sunlight.

2.3 Power Connection

- Connect the power cord to a grounded electrical outlet with the correct voltage and current rating as specified on the unit's label.
- Do not use extension cords or adapters.

2.4 Water Supply (if applicable)

- For models requiring an external water supply, connect the unit to a source of distilled or deionized water as per the instructions provided with the unit.
- Ensure proper drainage is established for wastewater.

3. OPERATING INSTRUCTIONS

Follow these steps for safe and effective sterilization.

3.1 Loading the Autoclave

1. Ensure the chamber is clean and free of debris.
2. Place items to be sterilized on the provided trays, ensuring proper spacing for steam penetration. Do not overload the chamber.
3. For wrapped items, ensure packaging is suitable for steam sterilization.



Figure 2: The Tuttnauer T Edge 10 Autoclave with its door open, revealing the sterilization chamber and trays for loading instruments.

3.2 Selecting a Cycle

1. Close the autoclave door securely.
2. Using the control panel, select the appropriate sterilization cycle based on the type of load (e.g., unwrapped, wrapped, liquids). Refer to the display for cycle options.
3. Confirm cycle parameters (temperature, pressure, time).

3.3 Starting and Monitoring

1. Press the "Start" button to initiate the sterilization cycle.
2. Monitor the cycle progress on the display. The unit will automatically proceed through heating, sterilization, and drying phases.
3. Do not open the door during a cycle.

3.4 Unloading

1. Once the cycle is complete and the pressure has fully dissipated, the door will unlock.
2. Carefully open the door, allowing any residual steam to escape. Use heat-resistant gloves.
3. Remove sterilized items and place them on a clean, sterile surface to cool.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your autoclave. Always disconnect power before performing maintenance.

4.1 Daily Maintenance

- Wipe down the exterior surfaces with a damp cloth.
- Clean the chamber interior and trays to remove any residue.
- Check the water level (if applicable) and replenish with distilled or deionized water.

4.2 Weekly Maintenance

- Clean the door gasket and mating surfaces to ensure a proper seal. Inspect for cracks or damage.
- Clean the water reservoir (if applicable) to prevent mineral buildup.

4.3 Periodic Maintenance

- Replace air filters as recommended by the manufacturer (refer to the full product manual for specific intervals).
- Perform biological indicator tests regularly to verify sterilization efficacy.
- Schedule professional preventative maintenance annually.

5. TROUBLESHOOTING

This section provides solutions to common issues. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Unit does not power on	No power supply; tripped circuit breaker	Check power cord connection; reset circuit breaker
Cycle fails to start	Door not properly closed; low water level	Ensure door is latched; fill water reservoir
Steam leakage from door	Damaged or dirty door gasket	Clean or replace door gasket
Items not dry after cycle	Overloading; insufficient drying time	Reduce load size; select longer drying cycle

6. SPECIFICATIONS

Detailed technical specifications for the Tuttnauer T Edge 10 Autoclave Sterilizer.

Attribute	Value
Model	T Edge 10
Overall Dimensions (DxWxH)	21.1" x 18.89" x 19.7"
Chamber Volume	6 Gal / 23 Liters
Chamber Size (Depth x Ø)	18" x 10" diameter
Tray Capacity	5 Trays
Manufacturer	TEdge
ASIN	B085B3G7BK
Country of Origin	USA

7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your purchase or visit the official Tuttnauer website.

For technical support, service, or to order replacement parts, please contact Tuttnauer customer service. Contact details are typically available on the manufacturer's website or in the documentation provided with the unit.

Important: Only qualified service personnel should perform repairs or internal adjustments.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question