

Tuttnauer
Innovation · Legacy · Partnership

T-Edge
Quick Start Guide



REQUIRED SAFETY CAUTIONS

IMPORTANT: Read the safety section in the T-Edge operation manual prior to operating T-Edge



CAUTION: Hot surface.



CAUTION: It is recommended that a ground fault circuit breaker (GFCI) be installed on the power outlet

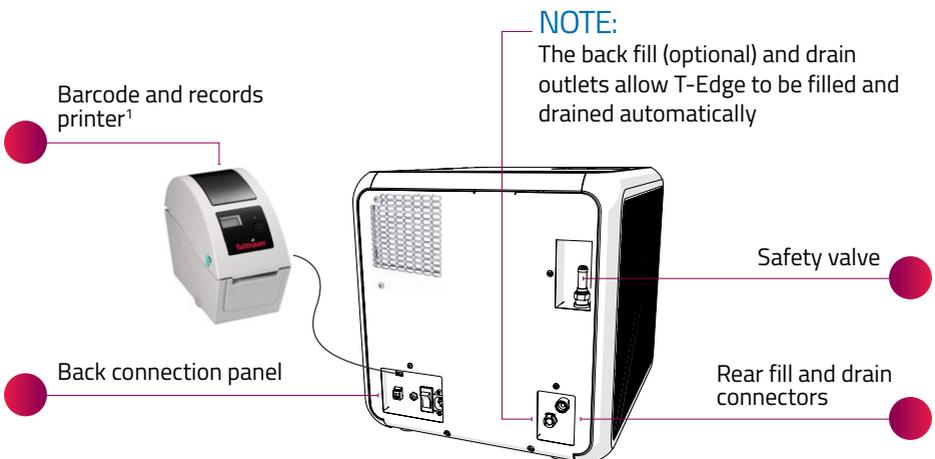
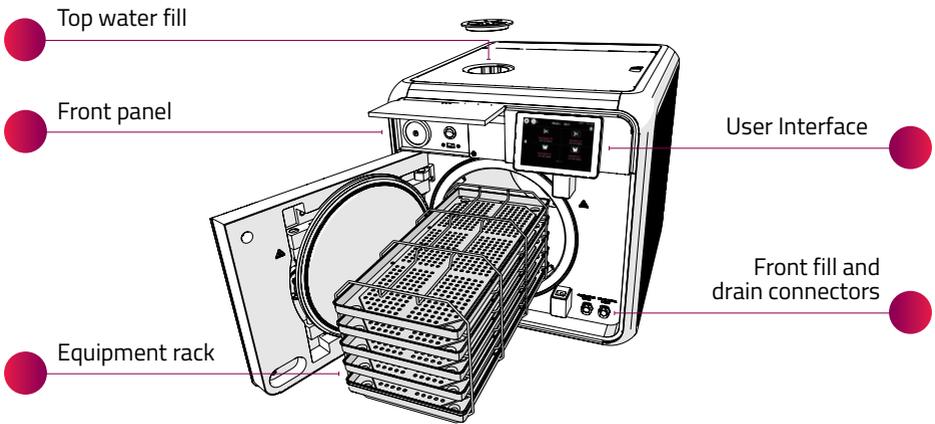
NOTE:

Refer to the T-Edge manual before operating the device/autoclave

T-EDGE OVERVIEW

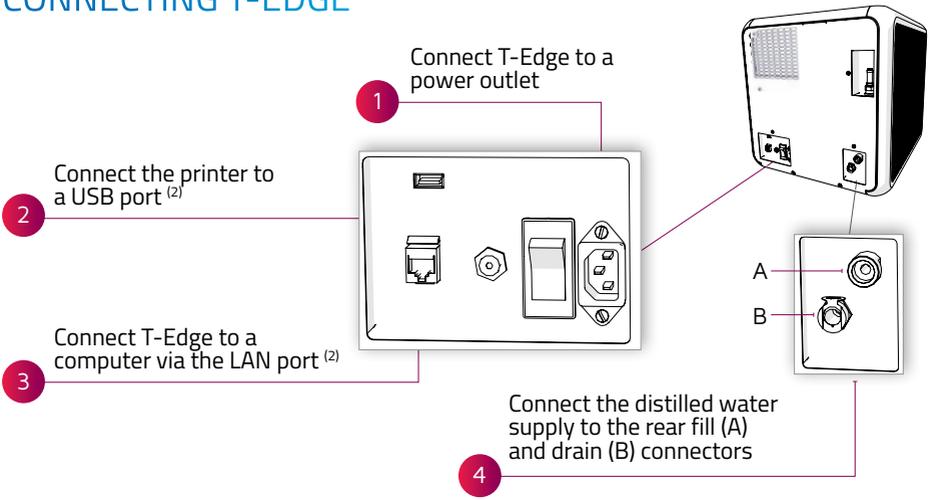
T-Edge is a fully automatic tabletop autoclave designed for sterilization of equipment used in first aid rooms, hospitals, dental clinics and medical clinics. It provides the following benefits:

- Strict compliance with international safety standards
- Clinically proven sterilization capabilities
- Optimal chamber capacity with convenient equipment loading
- High-resolution tactile touchpad with a user friendly interface

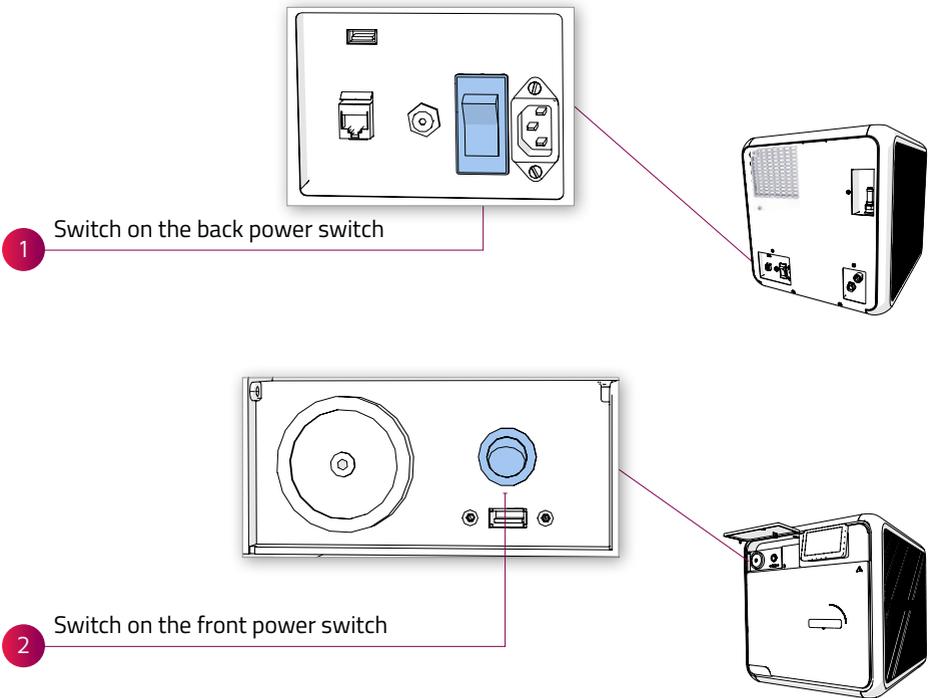


¹ Optional equipment is supplied based on specific customers order

CONNECTING T-EDGE



POWERING UP T-EDGE



² Use of these ports and connectors is optional

INITIAL DATE AND LANGUAGE SETUP

When T-Edge powers on for the first time, perform the following steps:

1 Tap the up/down arrow keys to set the correct date and time, then tap Set

2 Tap the desired display language, then tap Set

USER INTERFACE

Top bar

Pressure and temperature in sterilization chamber

Clean Water tank

Waste Water Tank

Door condition

Main screen area on state of system

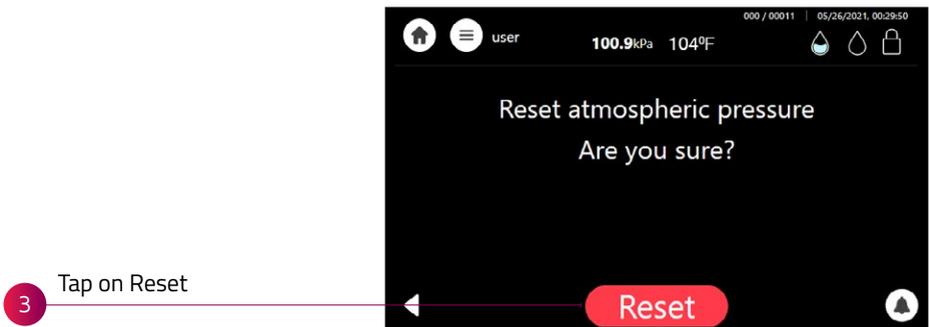
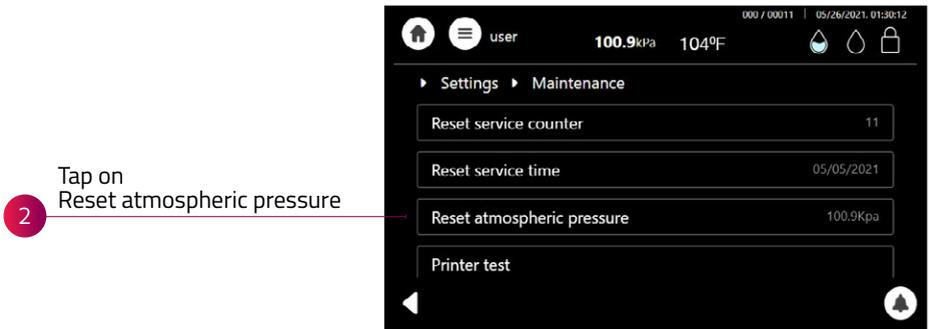
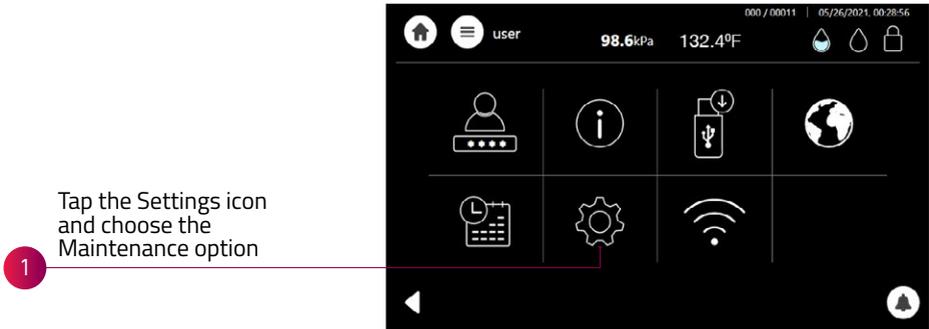
Page navigation arrows (left/right)

Alert indication

RESETTING ATMOSPHERIC PRESSURE

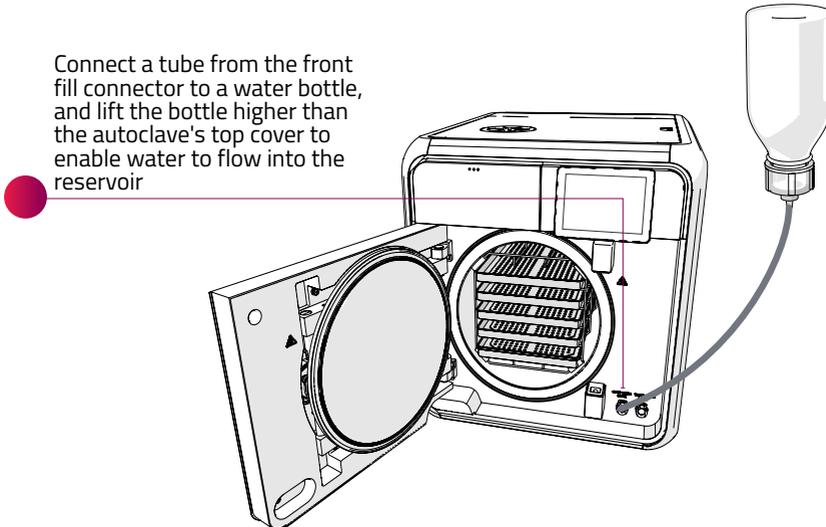
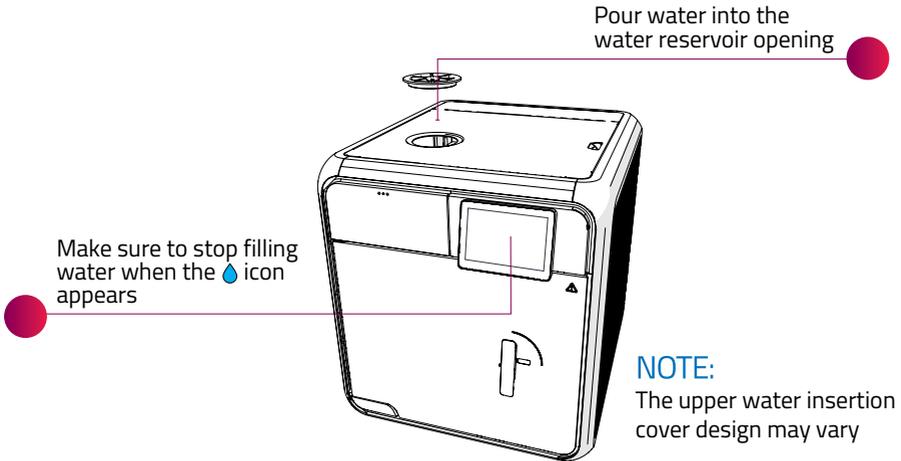
Prior to running the first cycle, resetting the atmospheric pressure is required.

To reset the atmospheric pressure, you must first open the Autoclave door and verify that the chamber's temperature is below 113°F.



FILLING T-EDGE WITH WATER

Fill the water reservoir with distilled water as described below:

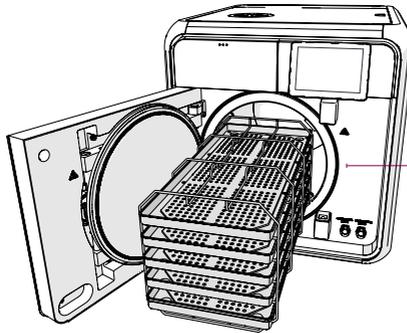


NOTE:
Use flexible soft bottles (do not use glass or rigid plastic bottles)

NOTE:
You may only fill T-Edge manually if it is not connected to the water supply facilities

LOADING EQUIPMENT INTO T-EDGE

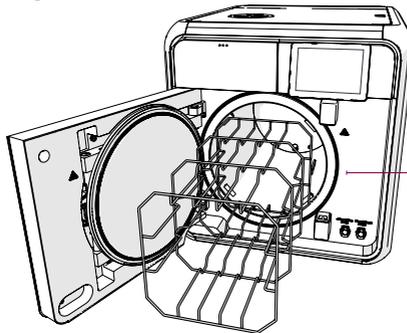
Load equipment into T-Edge in one of the following ways:



Place equipment on the trays (maximum 5)

NOTE:

Equipment must be thoroughly cleaned prior to loading



3 full dental cassettes + 3 half dental cassettes

SELECTING STERILIZATION PROGRAM

Take note of the equipment in the chamber

1

Tap the relevant program on the screen

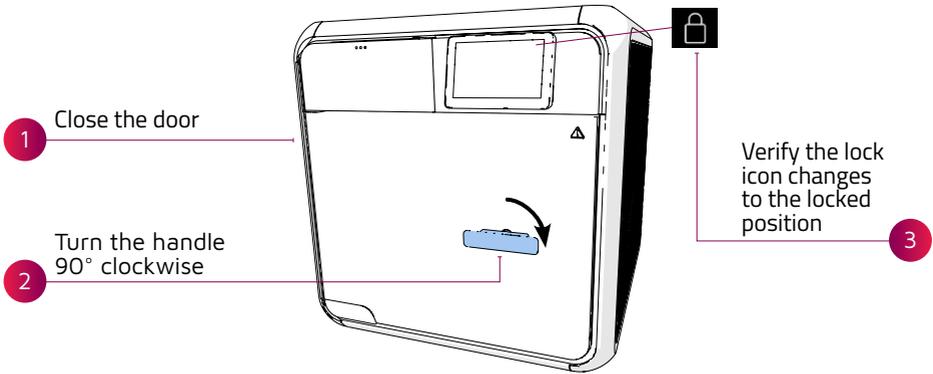
2

NOTE:

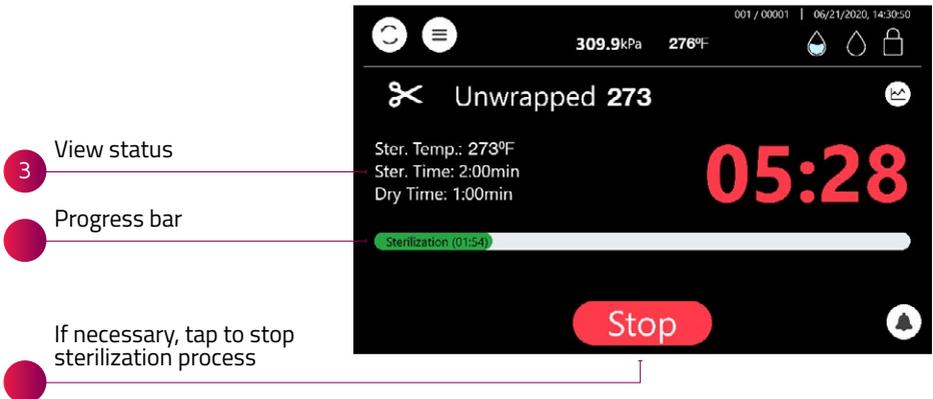
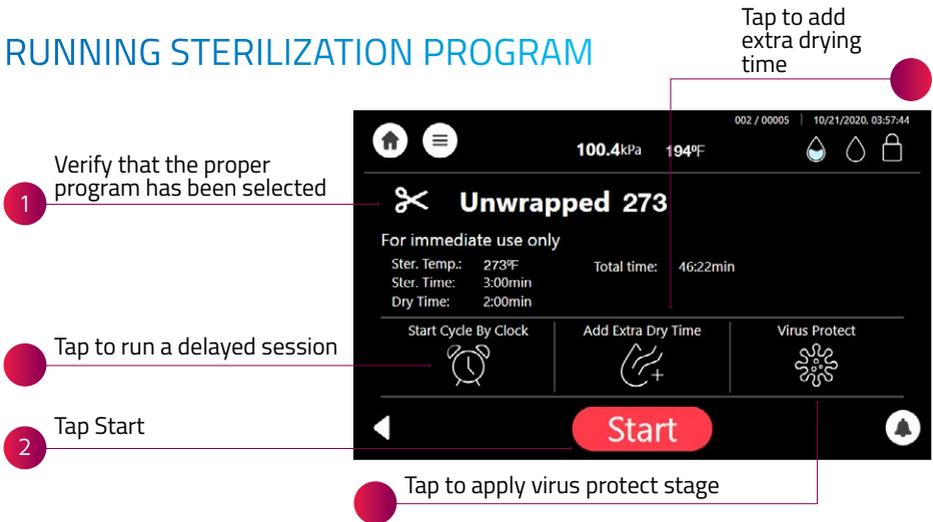
The door must be open in order to select a program



LOCKING THE DOOR



RUNNING STERILIZATION PROGRAM

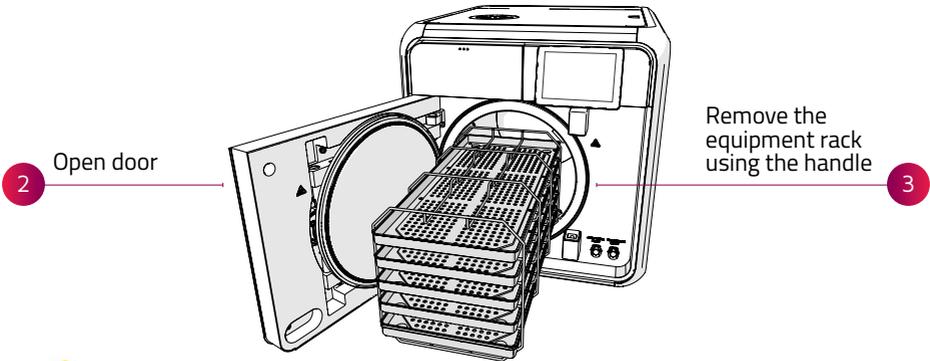


REMOVING STERILIZED EQUIPMENT

When sterilization cycle is complete:



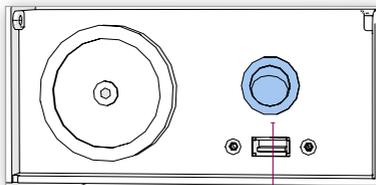
1 Tap Confirm



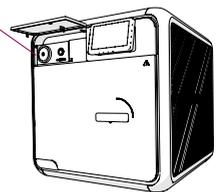
CAUTION!

Equipment rack is extremely hot
watch for vapor release when opening the chamber

TURNING OFF T-EDGE



Switch off T-Edge using the front power switch



TROUBLESHOOTING

Issue/Message	Description	Required Action
	Full water level (waste water tank)	Empty waste water reservoir
	Low water level (waste water tank)	Informative symbol. No action required
	Empty water level (waste water tank)	Informative symbol. No action required
	Full water level (clean water tank)	Informative symbol. No action required
	Low water level (clean water tank)	Fill the water reservoir (clean water tank)
	Alert	Tap icon to read a description of the alert
 Cycle Failed	Sterilization cycle failed due to the cycle being stopped by the user or due to a run-time error	Perform a new sterilization cycle
Blank display	User interface display is blank when T-Edge is turned on	<p>Make sure the power switch on the back is turned ON</p> <p>Make sure the power cord is properly connected to the device and to the wall outlet</p> <p>Verify proper electrical power supply</p>
<p>"Low Temp"</p> <p>"High Temp"</p> <p>"High Temp (Ending)"</p> <p>"Low Pressure"</p> <p>"High Pressure"</p> <p>"High Pressure (Ending)"</p> <p>"High Pressure (Exhaust)"</p> <p>"High Pressure (Dry)"</p> <p>"Door is open (During the cycle)"</p> <p>"Canceled By User"</p> <p>"Air Error"</p> <p>"Power Down"</p>	Various reasons (please refer to the Operation and Maintenance manual for more detailed information)	Perform a new sterilization cycle
<p>"Heat Time Error"</p> <p>"Pressure Time Error"</p>	Various reasons (please refer to the Operation and Maintenance manual for more detailed information)	Verify that T-Edge is not overloaded

TECHNICAL SPECIFICATIONS - CLASS B PROGRAMS

Autoclave Model	Chamber Size (Inches)	Volume	Overall Dimensions D x W x H (Inches)	No. of Trays	Connections	Standard Cassette Capacity	Item Supplies	Voltage (V) Freq. (Hz)	Weight
T-Edge10 220V	18" depth x 10" diameter	6 gal/ 23 liters	21.1"x19" x19.7"	5	1 ethernet port, 4 USB ports, WiFi, intergrated automatic water filling and drain connection	3 Full + 3 Half	Drain tube, tray holder	230V, Frq 50-60Hz	117 lbs.
T-Edge10 110V	18" depth x 10" diameter	6 gal/ 23 liters	21.1"x19" x19.7"	5	1 ethernet port, 4 USB ports, WiFi, intergrated automatic water filling and drain connection	3 Full + 3 Half	Drain tube, tray holder	120V, Frq 50-60Hz	117 lbs.
T-Edge11 110V	18" depth x 11" diameter	7 gal/ 27 liters	21.1"x20" x19.7"	5	1 ethernet port, 4 USB ports, WiFi, intergrated automatic water filling and drain connection	4 Full + 4 Half	Drain tube, tray holder	120V, Frq 50-60Hz	124 lbs.

STERILIZATION PROGRAMS

	Icon	Cycle Program	Load Type	*T-Edge10 Cycle Times Including Drying (Minutes)	*T-Edge 11 Cycle Times Including Drying (Minutes)
CLASS S		Unwrapped Instr. 270° F	Unwrapped Instruments	20 Minutes	25 Minutes
		Wrapped Pouches 270° F	Wrapped Pouches	32 Minutes	43 Minutes
		Unwrapped Delicate 250° F	Unwrapped Delicate Instruments	45 Minutes	47 Minutes
		Handpieces 270° F	Handpieces	45 Minutes	59 Minutes

	Icon	Cycle Program	Load Type	*T-Edge10 Cycle Times Including Drying (Minutes)	*T-Edge 11 Cycle Times Including Drying (Minutes)
CLASS B		Unwrapped Instr. 273° F	Unwrapped Instruments	20 Minutes	26 Minutes
		Wrapped Pouches 273° F	Wrapped Pouches	39 Minutes	49 Minutes
		Unwrapped Delicate 250° F	Unwrapped Delicate Instruments	35 Minutes	35 Minutes
		Wrapped Delicate 250° F	Wrapped Delicate Instruments	58 Minutes	75 Minutes

*Cycle times are approximate and may vary based on the instrument load, heating, sterilization and drying.

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