



BRING HIGH-POWERED, CONSISTENT CLEANING RESULTS TO YOUR CENTRAL PROCESSING DEPARTMENT WITH EFFICIENT AUTOMATION

The Tempest uses a combination of validated tested, and proven washing actions to effectively remove bio-burden from surgical instruments:

- Enzymatic soak @120°
- Digital ultrasonics
- 2 phase hydrojet flush
- \bullet Exterior and Interior disinfection rinse @190°
- Ozonated bacteria killing final rinse





Infection Prevention Experts

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TEMPEST

TEMPEST SURGICIAL DEVICE WASHER

Fully Automated Bioburden Removal System for Minimally Invasive Surgical Instruments



Consistent. Repeatable. Results.

Hand cleaning or ultrasonics alone cannot duplicate.

GENERAL SYSTEM FEATURES

- Processes 24-lumened instruments in 30 minutes
- Special port adaptors accommodate:
 - Laparoscopic tools
 - ROBOTIC tools
 - Minimally invasive devices, accurate
 - Accurately doses appropriate ratio of enzymatic cleaner
- Drained between each cycle to prevent re-contamination
- Baskets can accommodate non-ported surgical instruments
- Programmable cycles for simple, one-touch start
- Automated lid lift and automated shelf loading/unloading
- Viewing window to see inside during operation
- Basket Dimensions: 26" x 10.5" can accommodate 56cm bariatric tool



UNIT OPTIONS

ITEM#	DESCRIPTION	MACHINE DIMENSIONS (in.)
TW1000	1 Basket System	Approx. 55"W x 30"L x 63"H
TW2000	2 Basket System	Approx. 39"W x 47"L x 63"H
TW4000	4 Basket System	Approx. 61"W x 47"L x 63"H

SYSTEM REQUREMENTS

UTILITY	CONNECTION	PRESSURE	CONSUMPTION	UTILITY REQUIREMENT PER TEMPEST WASHER UNIT
Hot Water	3/4"NPT	60 psg	40 gpm	Min water temp 120° F
Cold Water	3/4 NPT	60 psig	10gpm	Ozone water rinse
Compressed Air	1/2"NPT	90psig	10SCFM	Air must be dry and oil free
Drain	1-1/2"NPT	Gravity		Located in pit

UTILITY	CONSUMPTION (230V/3PH/60Hz)	CONSUMPTION (480V/3PH/60Hz)	UILITY REQUIREMENT PER TEMPEST WASHER UNIT
Electric	80 amps	40 amps	Electric heated unit

THE TEMPEST PROCESS FLOW

- 1. Bath fills w/ Enzymatic Cleaner and 120° Water
- 2. Lumen Instruments are seeded with same cleaner and soak for 3 minutes
- 3. First Hydrojet Flushing for Cannulated Instruments
- 4. Concurrent Ultrasonic Cleaning for outside of instruments
- 5. Second Hydrojet Flushing for Cannulated Instruments
- 6. Concurrent Ultrasonic Cleaning for outside of instruments
- 7. Third Hydrojet Flushing for Cannulated Instruments
- 8. Bath Drained
- 9. Instruments rinsed with 190° water both outside and inside the instruments
- 10. Ozonated water bacteria killing spray
- 11. Instruments are now cleaned and ready to be sterilized