

Product Specification

67T Tabletop Ultrasonic

Product Description

The Belimed 67T Tabletop Ultrasonic Cleaner is engineered to clean instruments, ranging from simple to complex, through a combination of ultrasonic cavitation, heated water, and detergent.

It is designed with a compact, space-saving tabletop footprint.

This configuration comes standard with one tray capacity, a full-function touchscreen controller, manual glass lid, tank heater, automatic detergent injection with flowmeter, cannulated irrigation system, automatic fill with water mixing valve, a tap-water rinse cycle and an optional DI rinse is available.

Application

For use in healthcare facilities, to clean re-usable instruments, instrument trays, and other wares and utensils.

Standard Features

Construction/Design

The 67T Tabletop Ultrasonic is a self-contained cleaning machine, with a single wash/rinse tank, built-in detergent dispensing, monitoring, and top-mounted touchscreen user-interface. It is comprised of a welded frame with cover panels, and a seam-welded tank/top assembly.

- Type 316 stainless steel tank, 304 stainless frame and panels
- 12 ultrasonic piezo transducers, with 500 watts of power at a frequency of 40 kHz, vacuum nickel brazed to wash tank underside, providing a 75w/gal power density
- Touchscreen interface with 4 pre-set wash programs, and standard USB interface for cycle data download
- Chamber fill of 6.7 gallons
- Trays designed to sit on top of the chamber for storage and water draining, post cycle
- Automated fill, detergent Injection with flowmeter, adjustable from the user interface and drain
- User-defined and unit-controlled chamber solution temperature
- Safety features include door lid switch and tank liquid level sensors
- Sensor diagnostics screen on the service level of the user interface provides visibility to key PLC inputs to aid in troubleshooting
- Easy service access to all plumbing, relays and ultrasonic components

Dimensions

External Dimensions (with lid open):

- 31" (787mm) W x 21" (533mm) L x 21" (533mm) H
- 21" (533mm) to top of lid, when closed

Single Tray Wash Chamber:

- 21.5" (546mm) W x 10.5" (266mm) D x 4" (101mm) H
- 6.7 gallon fill level



Benefits

Effective and Efficient Cleaning

The 67T combines a 40 kHz ultrasonic frequency for removing heavy soil levels with a high wattage density (ultrasonic power/unit of water), to produce consistently effective cleaning. Available 5 or 10-port irrigation tray options flush debris out of cannulated instruments.

The 21.5" L x 10.5" W x 4" H internal tray dimensions accommodates most instruments. Built-in fill water mixing, and programmable chamber temperature assure optimum water temperature for automatically injected cleaning chemistries.

The glass, see-through, lid allows visualization of the items in the chamber to ensure they are fully submerged. It is manually opened with a damped closing feature.

Optimized Ergonomics

Manual lid lift is clinician friendly and the tray can be set on the top of the chamber for draining.

Solid Durability

All components are built for long life. Vacuum-brazed ultrasonic transducers, with a metal to metal tank bond, outlast conventional epoxy-bonded components.

Elevated controller minimizes ingress of spilled tank water. Solid all stainless steel frame and casing, combined with highest-quality stainless steel tank, will resist corrosion and damage over years of use.



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Benefits (continued)

Ease of Use

Intuitive touchscreen controller combines the simplicity of single-button operation with the power of a menu-driven system. Wash, rinse, and detergent time, water fill level, tank flush, and sensor diagnostics are all accessible from one unified control set.

Automatic degas cycle removes post-fill cycle length guesswork. A visual detergent level indicator gives an advance notice of when the detergent bottle needs to be replaced. After replacing the bottle a simple press and hold button resets the indicator to full.

Data can be downloaded to a USB drive for off-line analysis.

Access

The 67T tabletop ultrasonic provides three levels of login security to minimize unauthorized or unknown changes.

Cycle Descriptions

The 67T tabletop ultrasonic is equipped with four pre-programmed cycles, incorporating wash, detergent injection, and rinse parameters for general and cannulated instruments. All cycles may be easily adjusted by the user to match specific instrument IFU's.

Configuration

Electrical Requirements:

- 120V 60 Hz 1PH 20A, 3 wire

Options

- Supplemental DI rinse system

Accessories

- Cannulated Instrument Tray with Irrigation
- Standard Tray
- Metal-tipped Irrigation Hose Kit
- Luer Irrigation Hose Kit
- Non-luer Cannulated Adapters
- Heavy Duty Table (36" w x 24" d x 34" h)
- Heavy Duty Table (48" w x 24" d x 34" h)
- Adjustable Height Table (36" w x 24" d x 34" h)
- Adjustable Height Table (48" w x 24" d x 34" h)



Three available Trays: Standard Tray and a 5 or 10-Port Flushing Tray for Cannulated Instruments



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