

## 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

#### Outer Dimensions (Lid Open):

- 21" (533mm) H x 27.75" (705mm) W x 21" (533mm) D
- 21" (533mm) to top of lid, when closed

#### Single Tray Wash Chamber:

- 7.75" (197mm) H x 22.5" (571mm) W x 11.5" (292mm) D
- 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 4" (102mm) H x 21.5" (546mm) W x 10.5" (267mm) D 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
- Manual Adjustable Height Table - Size Option 1:  
36" (918mm) W x 24" (610mm) D x 34" (864mm) H
- Manual Adjustable Height Table - Size Option 2:  
48" (1219mm) W x 24" (610mm) D x 34" (864mm) H



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



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