

## ULTRASONIC CLEANING FOR HOSPITALS

Ultrasonic Cleaning is a highly efficient and precise method that uses high-frequency sound waves to create microscopic bubbles in a cleaning solution. As these microscopic bubbles collapse, they produce energy, effectively scrubbing away contaminants from the surface of medical instruments.

### MEDICLEAN

Our Ultrasonic Cleaning Series specifically designed for the Healthcare Industry, has revolutionized the pre-sterilization process including cleaning and maintenance of medical instruments in hospitals. To ensure the safety and well-being of hospital staff, ultrasonic cleaners are highly necessary in Hospitals.

**Infection Control (OT, CSSD & Cathlab):** Ultrasonic Cleaners play a pivotal role in maintaining the highest hygiene standards for patient safety and infection control in healthcare settings.

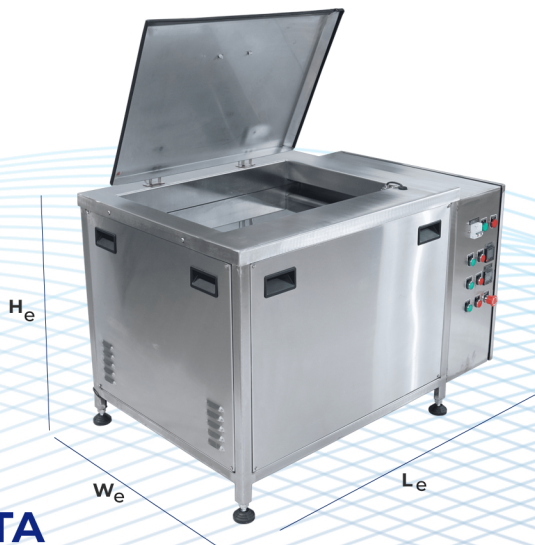
**Thorough Cleaning:** Our ultrasonic cleaner can reach and clean even the most intricate and hard-to-reach areas of surgical instruments, ensuring a high level of cleanliness and reducing the risk of infections.

**Time Efficiency:** The automation of our ultrasonic cleaning process significantly reduces manual labour and accelerates the cleaning cycle, allowing medical staff to focus on other critical tasks.

**Instrument Longevity:** Gentle yet thorough cleaning helps extend the lifespan of expensive medical instruments, reducing the need for frequent replacements.

### FEATURES OF MEDICLEAN

- ✓ **Tank MOC:** SS304
- ✓ **Outer body MOC:** SS304
- ✓ **Ultrasonic Frequency:** 37 kHz
- ✓ **Ultrasonic Timer:** 0-99 minutes
- ✓ **Ideal Cycle Time:** 0-10 minutes
- ✓ **Temperature Range:** Ambient to 70°C
- ✓ **Temperature Controller:** Digital
- ✓ **Inlet:** 1" BSP Valve
- ✓ **Drain:** 1" BSP Valve
- ✓ **Level Sensor:** Float type / Fork type
- ✓ **Supply Voltage:** 230V, 50Hz, Single Phase
- ✓ **Basket:** SS304 Mesh Type



### MODEL-SPECIFIC TECHNICAL DATA

SPECIFICATION		WMC-21L	WMC-30	WMC-48	WMC-75	WMC-105
TANK INTERNAL DIMENSIONS	$L_t \times W_t \times H_t$ (mm)	350 x 300 x 200	500 x 300 x 200	600 x 400 x 200	600 x 500 x 250	700 x 500 x 300
MAX/BRIM VOLUME	Litres	21	30	48	75	105
WORKING VOLUME	Litres	18	25	40	65	95
ULTRASONIC POWER	Watt	450	550	1000	1500	2000
HEATER POWER	Watt	500	750	1500	2000	2500
WEIGHT	Kg	20	80	90	100	105
EXTERNAL DIMENSIONS	$L_e \times W_e \times H_e$ (mm)	500 x 450 x 450	1000 x 800 x 850	1100 x 800 x 850	1100 x 900 x 850	1200 x 900 x 850
BASKET DIMENSIONS	$L_b \times W_b \times H_b$ (mm)	300 x 240 x 150	450 x 240 x 120	550 x 340 x 120	550 x 440 x 170	650 x 440 x 280

- ✓ **MEDICLEAN** effectively eliminates essential fluids, serums, and medications from surgical instruments.
- ✓ Our ultrasonic cleaner is versatile and capable of effectively cleaning a wide range of surgical instruments, including metallic and plastic ones. This includes endoscopic and laparoscopic instruments, suction tips, endotracheal tubes, and instruments used in specialities like neurosurgery, microsurgery, gastroenterology, urology, nephrology, obstetrics & gynaecology, plastic surgery, and dental procedures.
- ✓ **MEDICLEAN** can effectively cleanse hard-to-reach crevices and intricate joints.
- ✓ With **MEDICLEAN's** ultrasonic cleaning, you can fully streamline your pre-sterilization cleaning process.



## Add-Ons & Customisations

### Rinsing & Drying

For comprehensive cleaning requirements, we offer additional process customizations to achieve the cleanliness or drying benchmark.

### Automatic Water Inlet & Outlet

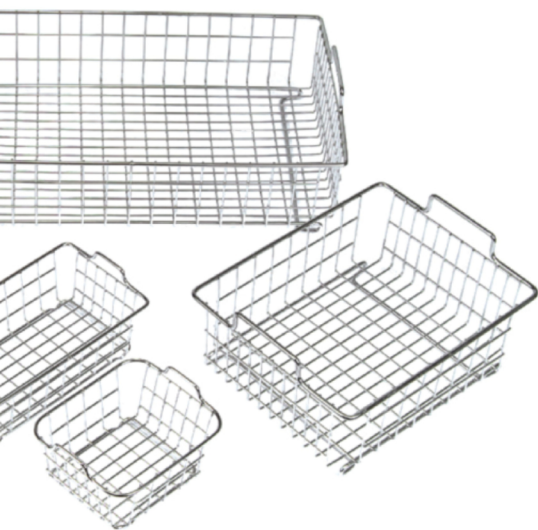
We also offer automatic water inlet and outlet features to fully automate the water inflow & outflow.

### Tank Size Customization

Apart from the available standard tank sizes, we also offer customized tank sizes based on the user requirement.

### Basket Customization

At your service, we craft the ideal basket, adjusting its depth, dimensions, and design, all tailored to your unique needs and desires.



## About us

Waveultra was formed in 2008, with a primary focus on producing Ultrasonic Cleaning systems for various industries. We stand out as a leading manufacturer, supplier and exporter of top-quality ultrasonic cleaners and equipment for hospitals throughout the globe.

Our committed and talented engineering team, extensive supplier network, and versatile capabilities position Waveultra as a trusted partner ready to assist you with your precision cleaning needs.

## Our Trusted Clients



[www.waveultra.in](http://www.waveultra.in)

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