

Powersonic 610 **ULTRASONIC CLEANER**

Engineered for Powerful Benchtop Cleaning



FEATURES AT A GLANCE



ADJUSTABLE POWER

Select required ultrasonic power from three options using the simple control panel



DEGAS MODE

Intermittent operation of ultrasonic power for rapid removal of entrained air from liquids



SWEEP MODE

Provides an optimal distribution of cleaning power by modulating the frequencies



ADJUSTABLE HEATING

Set bath temperature from Ambient up to 70°C using the simple control panel



EASY LIQUID DRAINING

Rear drain valve and included drainage hose allow for easy removal of cleaning solution



DIGITAL DISPLAY

Easy-to-read digital display to set time, temperature, sonic volume and degas time (using mode and up/down buttons)



SAFETY ALARM

Built-in microprocessor and alarm function for operation stop



The Powersonic 610 is a 10.7 litre capacity benchtop ultrasonic cleaner suitable for smaller items and intricate parts that would otherwise be impossible to clean efficiently. This unit provides an efficient automated cleaning method for operators such as watchmakers, jewellers, scientific and computer laboratories, medical and veterinary practice, and electronic repair workshops.

A simple-to-use control panel allows users to power the unit on/off, set operating time, bath temperature (up to 70°C), sonic power, sweep level and degas time. Degas mode creates intermittent ultrasonic waves to eliminate dissolved gas in the bath solution, while Sweep mode provides a continuous variation in wave frequency for optimal distribution of cleaning power and preservation of the tank. The Powersonic 610 operates at an ultrasonic wave frequency of 40KHz at three power options for up to 99 minutes.

All Powersonic series ultrasonic cleaners features industrial BLT type transducers, producing better power and performance, and have longer durability compared to disc transducer elements.

"The Powersonic range of benchtop ultrasonic cleaners provides an ideal cleaning solution for dental surgeries, veterinary practices and jewellers."

TECHNICAL SPECIFICATIONS

Transducer	Industrial BLT Type
Time Range	1 - 99 minutes (digital)
Temp. Range	Ambient - 70°C (digital)
Frequency	40 KHz
Housing Material	SUS 304 (Stainless Steel) + PP (Tough Plastic)
Bath Capacity	10.7 Litres
Tank Dimensions	L300 x W240 x H150 (mm)
Overall Dimensions	L385 x W345 x H270 (mm)
Basket Dimensions	L250 x W200 x H100 (mm)
Output Power	400 Watt
Net Weight	7.3 Kg
Voltage	Available at 240V, 50/60Hz
Included Accessories	Tank lid Power cable Perforated Basket (L250mm x W200mm x H100mm) Drainage hose (1 metre length) Instruction Manual
Optional Accessories	Jewellery Rack Long Jewellery Case Small Fine Mesh Basket

Warranty & Service

MiSonics ultrasonic cleaners, when used in accordance with manufacturer's instructions and under normal use, are guaranteed for one year after date of shipment. Within the period guaranteed, MiSonics will repair or replace free of charge, all parts that are defective because of material or workmanship.

MiSonics cleaners are designed to operate only with non-flammable water-based solutions. We recommend the use of MiSonics's specialised range of chemical solutions with your Powersonic unit.



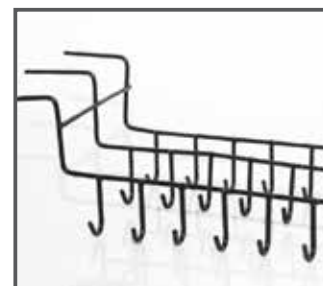
Rear drain valve allows connection of hose for easy removal of cleaning solution



Simple control panel with digital display to set mode and control operation values



Included is a perforated basket, with additional specialty accessories available



Optional accessories include jewellery racks for suspending jewellery in the bath solution

APPLICATIONS FOR USE

The Powersonic 610 Ultrasonic Cleaner is designed for benchtop use and is ideal for intricate items such as medical, veterinary and scientific instruments, jewellery, laboratory glassware and small metal or plastic parts.

- Surgical and dental instruments
- Veterinary instruments
- Jewellery and watches, clock movements
- Sports / hobbyists, e.g. firearm reloading
- Intricate lab glassware
- Scientific instruments and components
- Circuitboards and electronic components

MISONICS POWERSONIC RANGE

	603		605		610	620	
Transducer	Industrial BLT Type						
Time Range	1~99min (Digital)						
Temp. Range	Ambient~60℃		Ambient~70℃				
Frequency	40kHz						
Power Settings	3 Levels						
Housing	SUS 304 + PP						
Bath Capacity	3.3 Litres		5.7 Litres		10.7 Litres	20.7 Litres	
Overall Dimensions	L325xW225xH255mm		L385xW255xH270mm		L385xW345xH270mm	L590xW405xH275mm	
Tank Dimensions	L240xW140xH100mm		L300xW155xH150mm		L300xW240xH150mm	L500xW300xH150mm	
Basket Dimensions	L240xW135xH105mm		L240xW120xH100mm		L250xW200xH100mm	L440xW250xH100mm	
Output Power	200W		350W		400W	700W	
Net Weight	4.5 Kg		6.1 Kg		7.3 Kg	11.8 Kg	
Voltage	Available at 240V, 50/60Hz						
Packed Dimensions	L420xW360xH320mm		L470xW360xH380mm		L470xW440xH380mm	L700xW540xH400mm	

SAFETY CERTIFICATIONS & COMPLIANCE

All MiSonics Powersonic units comply with the safety requirements for electrical equipment for measurement, control and laboratory use - AS/NZS 61010.1:2003, and AS 4024 Safety of Machines.



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