

Powersonic 620 **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 620 is a 20.7 litre capacity benchtop ultrasonic cleaner suitable for components and parts that would otherwise be impossible to clean efficiently. With the longest tank in the Powersonic range, this unit provides an efficient automated cleaning method for operators such as scientific and computer laboratories, hospitals, medical and veterinary practice, tattooists, mechanics 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 620 operates at an ultrasonic wave frequency of 40KHz at three power options for up to 99 minutes.

All Powersonic series ultrasonic cleaners feature an industrial BLT type transducer, providing better power, performance, and 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	20.7 Litres
Tank Dimensions	L500 x W300 x H150 (mm)
Overall Dimensions	L590 x W405 x H275 (mm)
Basket Dimensions	L440 x W250 x H100 (mm)
Output Power	700 Watt
Net Weight	11.8 Kg
Voltage	Available at 240V, 50/60Hz
Included Accessories	Tank lid Power cable Perforated Basket (L440mm x W250mm 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



Open / Close drainage valve control



Included is a perforated basket, with additional specialty accessories available

APPLICATIONS FOR USE

The Powersonic 620 is designed for small-to-medium sized items such as veterinary, dental and surgical instruments, firearm components, tattoo guns, mechanical parts and electronic components.

- Surgical and dental instruments
- Veterinary instruments
- Jewellery and watches, clock movements
- Sports / hobbyists, e.g. firearm reloading
- Tattoo guns and parts
- 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°C	Ambient~70°C		
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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