



Clean Faster
Clean Safer
Clean Better

The Most Powerful Bench-top Ultrasonic Cleaner
POWERSONIC 400 Series



HWASHIN
TECHNOLOGY
COMPANY

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WHAT IS ULTRASONIC CLEANING?

As ultrasonic sound waves from transducer element make low and high pressure state in solution repeatedly, microscopic bubbles are formed and imploded depending on the pressure status. Ultrasonic energy emitted at this time removes even the most stubborn dirt and contaminants without any damage. Heat enhances the process. The key factor in cleaning effectiveness of an ultrasonic system is cavitation. The greater the cavitation intensity of the liquid is, the better the cleaning results will be.

FEATURES

- » Powerful and reliable cleaning
- » Built-in microprocess controller
- » Selectable use with ultrasonic power controller (3 steps)
- » Built-in digital thermometer and timer to set optimum condition for cleaning
- » Easy to read operation status on digital display
- » Built-in drain valve unit
- » Using a silicon rubber heater for durability and stability
- » Built-in alarm function for noticing operation stop
- » CE-certified

APPLICATIONS

- » **Medical and Dental Labs** : Hypodermic needles, Cannulae, Surgical instruments, Blood oxygenators, Dental instruments, Dentures, Plates
- » **Scientific Labs** : Laboratory glassware, Test tubes, Pipettes, Optical and contact lenses, Eyeglass frames, Components
- » **Jewelry** : Watches, Clock movements, Gemstones, Pendants, Chains
- » **Industry** : Switches, Gears, Nozzles, Relays and motors, Bearings, Sieves, Metal and plastic parts
- » **Electronics** : Printed circuit boards, Lapping heads, Capacitors, Packaging components, Quartz crystals
- » **Chemical Experiments** : Degassing of solution, Dissolution of powdered sample



SPECIFICATIONS

Model	405	410	420
Transducer	Industrial BLT Type		
Time Range	0~99min(Digital)		
Temp. Range	0~50°C(Digital)		
Frequency	40 KHz		
Housing Material	ABS		
Bath Capacity(ℓ)	5.7	10.0	20.7
Bath Size(mm)	300 x 155 x 150	300 x 240 x 150	500 x 300 x 150
Overall Size(mm)	500 x 285 x 255	510 x 375 x 275	720 x 450 x 275
Required Power(W)	350	500	700
Net Weight(Kg)	7	9	14
Voltage	100 to 240VAC, 50/60Hz		

Options(Solid/Perforated Tray)



Sister Model(POWERSONIC 600 Series)

