

SONIC CLEANERS



ULTRAMET® Sonic Cleaners

Ultrasonic cleaning is faster, more thorough, and safer than any other method. Its power quickly attacks heavy oils, polishing compounds and extenders, while being gentle enough to clean tiny precision assemblies.

Thorough

Ultrasonic cleaning quickly and completely removes contaminants from objects through a process called cavitation. Objects are immersed in a tank of cleaning solution saturated with ultra high frequency sound waves. These sound waves cause the liquid to act with a microscopic scrubbing action which cleanses difficult to reach areas and irregular surfaces. This allows for a more thorough cleaning process.

Fast

With the new degas feature, ultrasonic pulses remove unwanted air bubbles from the cleaning solution before cleaning begins. This ensures

greater cleaning efficiency, shorter cycles, and better results. All ULTRAMET Sonic Cleaners utilize an analog timer to allow the operator to preset the exact cleaning time required.

Safe

The new cleaners are sealed tight to prevent leaks and they're safer to fill. The control board is mounted high for more accessible, spill-resistant controls. The new design consolidates components to reduce wiring, connectors, and failures, ensuring added safety.

Applications

Electronics Removes flux and contaminants instantly, thoroughly

Industry Deep-cleans to remove dirt, grease, waxes, and oils

Sample Preparation Quickly cleans samples prior to mounting and between sample preparation steps. Ultrasonic cleaning will reduce carry-over contamination of polishing compounds.

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System Specifications

No. 75-2002 ULTRAMET® 2002 Sonic Cleaner, featuring single piece cabinet, solid-state 25 watt power source, 47 kHz transducer, 9" x 5" x 4" (23cm x 12.7cm x 10.2cm) stainless steel transducer tank, sample of No. 75-5000 Cleaning Solution, mechanical timer controls the cleaning cycle time, tank cover, cord, and plug. For operation on 115V/60Hz/1 phase. Operating instructions. Overall dimensions 11.6" x 13.3" x 12.0" (29.5cm x 33.8cm x 30.5cm). Shipping weight 10 lbs.

No. 75-3012 Tank Cover, stainless steel.

No. 75-3013 Insert Tray, solid stainless steel, 8"W x 4"D x 3"H (20.3cm x 10.2cm x 7.6cm).

No. 75-3014 Insert Tray, perforated stainless steel, 8"W x 4"D x 3"H (20.3cm x 10.2cm x 7.6cm).

No. 75-2003 ULTRAMET 2003 Sonic Cleaner, featuring single piece cabinet, solid-state 80 watt power source, 47 kHz transducer, 5 1/2" x 6" x 4" (14.0cm x 15.2cm x 10.2cm) stainless steel transducer tank, sample of No. 75-5000 Cleaning Solution, tank cover, mechanical timer controls the cleaning cycle time, cord, and plug. For operation on 115V/60Hz/1 phase. Operating instructions. Overall dimensions 11.6" x 10.0" x 12.0" (29.5cm x 25.4cm x 30.5cm). Shipping weight 8 lbs.

No. 75-4012 Tank Cover, stainless steel.

No. 75-4013 Insert Tray, solid stainless steel, 5"W x 5"D x 3"H (12.7cm x 12.7cm x 7.6cm).

No. 75-4014 Insert Tray, perforated stainless steel, 5"W x 5"D x 3"H (12.7cm x 12.7cm x 7.6cm).

No. 75-2005 ULTRAMET 2005 Sonic Cleaner, one piece unit with solid-state 185 watt power source, 47kHz transducer, 11 1/2" x 9 1/2" x 6" (29.2cm x 24.1cm x 15.2cm) stainless steel transducer tank, 2 1/2 gal. (9.5 l) capacity, sample of No. 75-5000 Cleaning Solution, mechanical timer controls the cleaning cycle time, cord, and plug. For operation on 115V/60Hz/1 phase. Operating instructions. Overall dimensions (14.6" x 15.7" x 15.8") (37.1cm x 39.9cm x 40.1cm). Shipping weight 14 lbs.

No. 75-5012 Tank Cover, stainless steel.

No. 75-5013 Insert Tray, solid stainless steel, 12 3/8"W x 10 3/8"D x 6"H (32.0cm x 26.3cm x 15.2cm).

No. 75-5014 Insert Tray, perforated stainless steel, 12 3/8"W x 10 3/8"D x 6"H (32.0cm x 26.3cm x 15.2cm).

No. 75-5015 Specimen Holder Suspension Bracket.

No. 75-5000-032 ULTRAMET Sonic Cleaning Solution, one quart (0.95 l).

