

# UltraMet™

## Ultrasonic Cleaners

UltraMet™ Ultrasonic Cleaners improve consistency in sample preparation when used to thoroughly clean specimens. Ultrasonic cleaning quickly and completely removes contaminants from objects in a process called cavitation. In this process, sound waves travel through a cleaning solution act with microscopic scrubbing action to clean difficult to reach areas and irregular surfaces.

Whether used to degrease specimens prior to mounting or clean specimens between polishing steps, UltraMet Ultrasonic Cleaners offer a level of precision and reliability. The units have easy to use on/off controls and a built in 60 minute timer. The UltraMet 2002 has a 0.75gal [2.8L] capacity. Upgrade to the UltraMet 2005 for a 2.5gal [9.5L] capacity that is large enough to hold an entire central force specimen holder.



### Simple Controls

- Controls raised above the tank to avoid contamination of cleaning solutions
- 60-minute mechanical timer, allows user to set up and walk away

### Easy to Clean

- Convenient built-in pour drains are featured on 0.75gal [2.8L] model
- Tank drain with valve incorporated on the 2.5gal [9.5L]

### Durable and Reliable

- 40 kHz rugged industrial transducers
- Plastic, chemical resistance housing

### Precise and consistent

- Sweep frequency eliminates standing waves and creates consistent cavitation throughout the tank

## UltraMet™ Ultrasonic Cleaners

- Quickly clean specimens in between preparation steps
- Built in timer and continuous cleaning cycle

### UltraMet 2002 Ultrasonic Cleaner, 0.75gal [2.8ℓ]

Part Number	Voltage/Frequency
80-2002-115	115VAC, 60Hz
80-2002-220	220VAC, 50Hz

### UltraMet 2005 Ultrasonic Cleaner, 2.5gal [9.5ℓ]

Part Number	Voltage/Frequency
80-2005-115	115VAC, 60Hz
80-2005-220	220VAC, 50Hz



Approx. Weight: UltraMet® 2002 - 10 lbs [4.5kg]  
UltraMet® 2005 - 14 lbs [6.3kg]

### Accessories & Consumables

75-3012	Tank Cover for UltraMet 2002	75-5013	Insert Tray, solid, for UltraMet 2005
75-3013	Insert Tray, solid, for UltraMet 2002	75-5014	Insert Tray, perforated stainless steel, for UltraMet 2005
75-3014	Insert Tray, perforated stainless steel, for UltraMet 2002	75-5015	Specimen Holder Bracket for UltraMet 2005
75-5012	Tank Cover for UltraMet 2005	75-6000-032	UltraMet 2 Sonic Cleaner, 32oz [0.95ℓ]



Shop online at [www.buehler.com](http://www.buehler.com). (US, DE, FR and UK only)

For a complete listing of consumables, visit our website at [www.buehler.com](http://www.buehler.com) or refer our Product Catalogue. Buehler continuously makes product improvements; therefore technical specifications are subject to change without notice.

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