



CREST
ULTRASONICS
THE INNOVATION CONSTANT™

CREST POWERSONIC™ ULTRASONIC BENCHTOP CLEANERS

The Sound Choice



The New Benchmark In Benchtop Cleaning



Crest's Powersonic™ rugged industrial strength performance gives you consistent quality at a benchtop price.

For over 47 years, Crest ultrasonic technology has been used successfully in industrial and biomedical cleaning systems. That same high performance technology has been transferred to the Crest Powersonic™ line of benchtop cleaners. Ceramically Enhanced Industrial Transducers, like those above, provide greater cleaning power and reliability compared to conventional wafer type transducers.

The Driving Force Is The Power Source

Although the industrial stack transducer has been acknowledged as superior in terms of reliability and performance, benchtop cleaners have always relied on wafer thin discs to produce ultrasonic energy. Crest has brought the superior performance of full-wave 45kHz Ceramically Enhanced Industrial Transducers to the Benchtop line. What's more, all units are supplied with either 0-30 minute analog or 0-99 minute digital timers and the heaters are thermostatically controlled. If you compare other benchtop cleaners, be sure to compare features because there really is no comparison.

Cleans Like No Other Benchtop Available

Crest's exclusive Powersonic feature ensures uniform cleaning throughout the tank by sweeping the ultrasonic frequency 3kHz, creating overlapping ultrasonic waves. This eliminates inconsistent cleaning due to hot spots (areas of intense ultrasonic activity) in the cleaning solution, caused by the unvarying or "standing" waves produced by conventional ultrasonic power supplies.

MORE POWER TO YOU

When ultrasonic energy is introduced into a cleaning solution, cavitation, the foundation of ultrasonic cleaning, occurs. Ultrasonic energy causes alternating patterns of low and high pressure phases. During the low pressure phases, bubbles or vacuum cavities, form. In the subsequent high pressure phases these bubbles implode violently. This is called cavitation.

Cavitation provides an intense scrubbing action that leads to unsurpassed cleaning speed and consistency when compared with simple soaking or immersion with agitation. Additionally, the bubbles are small enough to penetrate even microscopic crevices, cleaning them thoroughly and consistently. As a result, ultrasonic cleaning is one of the most highly effective and efficient methods you can use for cleaning a wide array of parts.

High Performance Cleaning Accessories



All Crest Powersonic™ benchtop cleaners are supported by a complete line of durable, quality-built ultrasonic accessories. Crest offers you a high performance selection of stainless steel mesh and perforated baskets, auxiliary pans and beaker positioning covers. Glass, polypropylene, and stainless steel beakers are also available.

In addition, Crest manufactures a wide range of specially blended cleaning solutions, for maximum ultrasonic cleaning results.

Call or email us for information on our ChemCrest cleaning solutions.



Crest Powersonic™ Model D digital control of time (0-99 minutes), heat (ambient to 80°C), power level and degas functions.



Crest Powersonic™ Model T 0-30 minute timer.



Crest Powersonic™ Model HT 0-30 minute timer and adjustable thermostatically controlled heat (ambient to 80°C)

More Sizes And Options To Meet Your Needs



WITH CREST'S POWERSONIC™ YOU'RE IN CONTROL

Crest offers more sizes and options than anyone else. Powersonic ultrasonic cleaners are available in eight sizes, from a half gallon to 7 gallons (1.75 to 26 liters), in three different configurations.

- 1 year warranty on part and labor. Please enquire for our one year warranty extension
- Main on/off switch
- Analog model with timer
- Analog model with timer and adjustable thermostatically controlled heater
- Digital model with time, heat, power control and degas
- All timers have continuous operation capabilities
- Cover included with all units

Many features that add value to your investment have been engineered into Crest's Powersonic benchtop cleaners.

- Analog or digital timers (digital not available with CP 200 model)
- Ceramically Enhanced Industrial Transducers
- All stainless steel enclosures resist damage from chemical spills and will not crack
- Sweep frequency 45kHz
- Adjustable, thermostatically controlled heaters (ambient to 80°C)
- Precise control of time, heat, power and degas on digital units
- Drains with flow control valve on all 3/4 gallon and larger units

CREST POWERSONIC™

BENCHTOP CLEANERS SPECIFICATIONS

Model	Inside Tank Dimensions L x W x H Inches Millimeters	Overall Dimensions L x W x H Inches Millimeters	Tank Capacity Liters	Sonic Power Average Wattage	Heating Power	Drain (Ball Valve)
CP 200	6 x 5.25 x 4 148 x 134 x 100	7 x 6.5 x 10.5 175 x 164 x 270	1.75	35 Watts	90 W	None
CP 230	9.5 x 5.25 x 4 237 x 134 x 100	11.5 x 6.375 x 9.25 265 x 162 x 295	2.8	80 Watts	160 W	None
CP 360	9.5 x 5.25 x 6 237 x 134 x 150	11.5 x 6.375 x 11.625 265 x 162 x 295	4.2	100 Watts	160 W	None
CP 500	11.75 x 6 x 6 297 x 148 x 150	12.75 x 7 x 11.625 325 x 176 x 295	5.4	120 Watts	160 W	None
CP 1100	11.75 x 9.5 x 8 297 x 237 x 200	12.75 x 10.5 x 13 325 x 265 x 335	12.3	180 Watts	600 W	Yes
CP 1200	19.7 x 5.25 x 6 502 x 134 x 150	20.25 x 6 x 10.625 515 x 150 x 270	9.2	200 Watts	600 W	Yes
CP 1500	12.75 x 11.75 x 8 324 x 297 x 200	13.9 x 12.75 x 14.5 530 x 325 x 365	16.8	240 Watts	800 W	Yes
CP 2600	19.7 x 11.75 x 8 502 x 297 x 200	21 x 12.75 x 14.5 530 x 325 x 365	26.1	300 Watts	800 W	Yes

Notes

- * All models are available in three configurations:
 - T** • 0-30-minute timer or infinite operation.
 - HT** • 0-30-minute timer or infinite operation and thermostatically controlled heat ambient to 80°C (175°F).
 - D** • Digital control of heat, time (0-99 minutes), power and degas functions.
 - D/HF** • As D-version, but operating frequency of 132 kHz (for model P230D/HF & P500D/HF only).
- * Digital controls not available with CP 200 model
- * Based on overall tank capacity
 - Liquid depth is 1" (25.4mm) lower than internal tank depth
- * Conforms to CE standards
- * Certified to UL61010-1 and CAN/CSA 22.2 #61010-1



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