

THE OPTIMUM CONSOLE *Junior*



A Compact, Cost-effective
Ultrasonic Aqueous Cleaning
System With Unsurpassed
Cleaning Performance

Optimum Cleaning at Junior Prices

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CREST
ULTRASONICS

Your Partner in Cleaning

Four-Station Wash-Rinse-Rinse-Dry System



Optimum Console Junior™

Crest Ultrasonics' **Optimum Console Junior™** is a four-station ultrasonic cleaning system designed to clean many types of industrial components using a wide variety of aqueous cleaning chemistries. With the compact, cost-effective **Junior**, you can eliminate the use of CFCs and solvents without sacrificing cleaning performance. It is versatile for use in many applications and ideal for cleaning a wide variety of metal, plastic and glass components as well as composites.

Ultrasonic Power



*Genesis™ Generator
Power Supply*

(Genesis Generator U.S. Patent #4,864,547)

The ultrasonics are powered by Crest's patented Genesis™ constant high output generator which enables consistent and thorough cleaning. Our Tru-Sweep™ ultrasonic sweep frequency provides an ultrasonic cleaning action which ensures that contaminants are removed even from small recesses and blind holes.

Designed for Easy Operator Use



Note: Ultrasonics on station #3 as shown are optional. Timers for the ultrasonic stations are available.

Popular Options



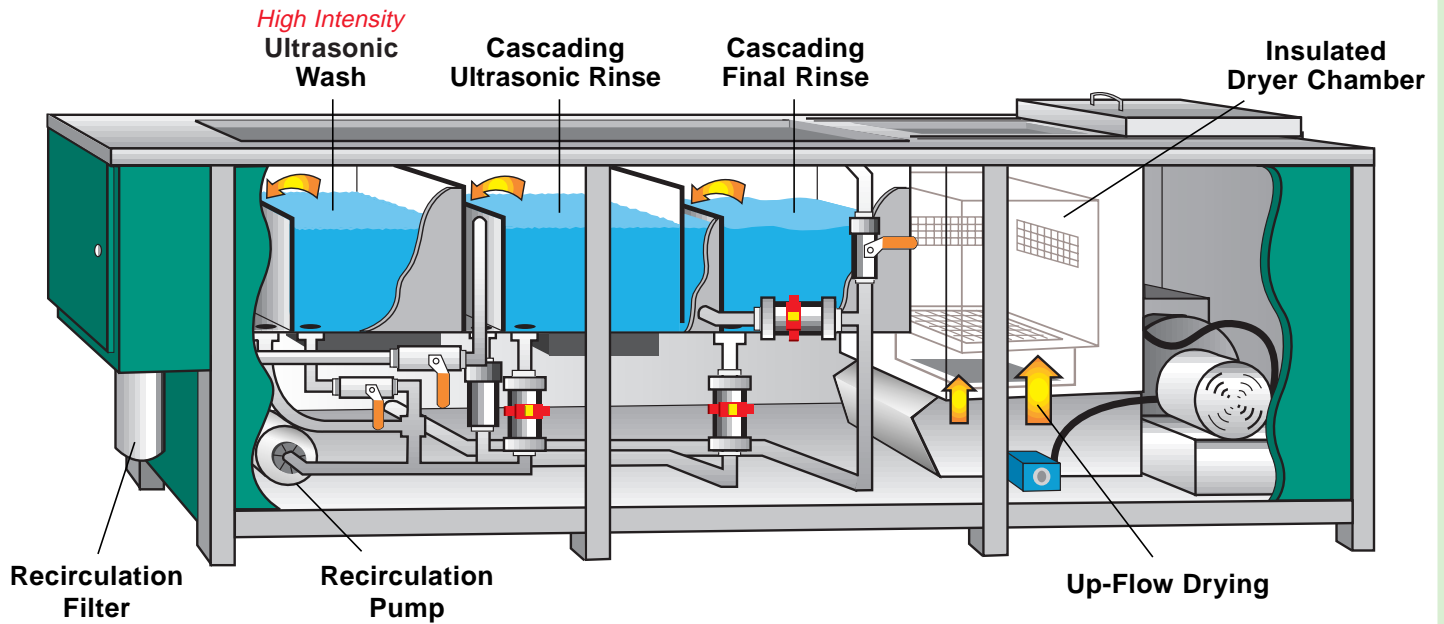
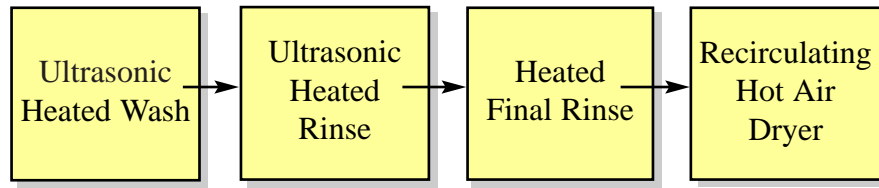
Oil Coalescer (optional)

Oil coalescers/system replenisher - For cleaning applications that require ongoing removal of oil and other contaminants without interrupting the processing. Custom sized to fit system.

Automated materials handling systems - For loads up to 250 pounds, Crest's famous Rigibot™ materials handling is smooth, fast, efficient, and affordable. Custom sized to fit system.

Other options - Timers, lift-off covers, hand-held spray wand, closed loop rinse water recycling systems.

Four-Step Process



System Features and Benefits

✓ Stainless steel tanks	<i>Offers corrosion resistance and extended life span.</i>
✓ Space-saving small footprint	<i>Maximum utilization of space and easy replacement of vapor degreasers or optimization of your present cleaning method.</i>
✓ Ultrasonic wash and rinse tanks are fitted with high quality Vibra-Bar™ transducers which produce 40 kHz* Tru-sweep™ ultrasonic frequency	<i>Ideal cleaning power for most applications. Provides consistent and effective cleaning and lifting of soils away from small recesses and grooves.</i>
✓ Full-length overflow weir for wash tank and cascade rinse tank configurations	<i>Helps to remove contaminants from the wash and rinse tanks to maintain a cleaner solution in all process tanks.</i>
✓ High flow recirculation/filtration system on wash tank	<i>Particulate contaminants are filtered continuously improving cleaning consistency.</i>
✓ High efficiency recirculating hot air dryer	<i>Quick and thorough drying.</i>
✓ Thermostatically-controlled heated tanks	<i>Improves cleaning efficiency and speeds drying times.</i>
✓ Fully plumbed and valved for single point utility connections.	<i>Quick and easy installation.</i>
✓ Stainless steel frame with powder-coated epoxy lift-off panel cabinetry	<i>Attractive and corrosion-resistant. Easy front access for maintenance.</i>

* 25 kHz and 68 kHz frequencies are also available.

Optimum Console *Junior* Product Information

The following product information applies to our standard four-station wash/rinse/rinse/dry model:

Model	Internal Tank Dimensions (L x W x D)	Console Dimensions (L x W x D)	Ultrasonic Wash Power & Frequency*	Ultrasonic Rinse Power & Frequency*	Dryer Heat (Watts) & Recirc. (CFM)	Power Requirements**
OCJ 1014 (W/R/R/D)	10" x 14" x 16" (10" liquid depth)	82" x 28" x 41"	500 Watts 40 kHz	500 Watts 40 kHz	3750 Watts/ 800 CFM	208/240 volts/60 Hz 3 phase, 40 Amps
OCJ 1218 (W/R/R/D)	12" x 18" x 16" (10" liquid depth)	90" x 32" x 41"	1000 Watts 40 kHz	1000 Watts 40 kHz	5000 Watts/ 800 CFM	240 volts/60 Hz 3 phase, 55 Amps
OCJ 1622 (W/R/R/D)	16" x 22" x 19.5" (13.5" liquid depth)	105" x 36" x 41"	1500 Watts 40 kHz	1000 Watts 40 kHz	10000 Watts/ 1000 CFM	240 volts/60 Hz 3 phase, 90 Amps
OCJ 1826 (W/R/R/D)	18" x 26" x 20" (14" liquid depth)	114" x 40" x 41"	2000 Watts 40 kHz	1500 Watts 40 kHz	12500 Watts/ 1000 CFM	240 volts/60 Hz 3 phase, 80 Amps
OCJ 2424 (W/R/R/D)	24" x 24" x 20" (16" liquid depth)	155" x 38" x 41"	2000 Watts 40 kHz	2000 Watts 40 kHz	12500 Watts/ 1000 CFM	240 volts/60 Hz 3 phase, 110 Amps

* 25 kHz or 68 kHz optional; ** 480 volt 3 phase optional (transformer required).

Optional Features ▶

- Automation Systems
- Timers
- Oil Coalescer Package
- Lift-off Covers
- Hand-held Spray Wand
- Pump-out Station for Drainage
- Closed Loop Water Treatment Systems



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THE INTERNATIONAL CREST GROUP OF ULTRASONIC COMPANIES

U.S. listings

U.S. listings	Phone	Fax
Crest Ultrasonics, Trenton NJ	(609) 883-4000	(609) 883-6452
Closed Loop Water Systems, FL	(954) 724-2730	(954) 724-2731
Piezo Kinetics, Inc., PA	(814) 355-1593	(814) 355-4342
Forward Technology, MN	(763) 559-1785	(763) 559-3929

International listings

International listings	Phone	Fax
CC Hydrosonics LTD., UK	44-1279-413103	44-1279-413926
Crest Rinco Ultrasonics LTD., UK	44-1279-418942	44-1279-413926
Crest Ultrasonics Korea	82-342-717-2072	82-342-717-2075
Crest Ultrasonics Malaysia	604-507-0018	604-507-0020
Crest Ultrasonics Philippines	632 807-0972	632-807-0984
Crest Ultrasonics Singapore	65-741-8266	65-741-1939
Crest Ultrasonics Thailand	662-682-6506	662-682-6507
Deltasonics, France	33-1-6009-0909	33-1-6009-0541
Martin Walter AG, Germany	49-708-279-1501	49-708-279-1515
Utthe Technology, Japan***	81-45-912-7911	81-45-912-7921

Major manufacturing locations are highlighted.

*** Represents Crest products in Japan.