



# The Optimum Console™

## Aqueous & Semi-Aqueous Precision Cleaning System



Engineered for  
Optimum Precision  
Cleaning Performance

### Optimum Console Product Information

Model	Internal Tank Dimensions (L x W x D)	Console Dimensions* (L x W x D)	Ultrasonic Power Per Station	Heated Ultrasonic Wash	Heated Ultrasonic Rinse	Dryer Heat/CFM
OC3-1014-HE	10" x 14" x 10"	66" x 34" x 38"	500 W	1 KW	2 kW	5 kW/1100
OC4-1014-HE	10" x 14" x 10"	80" x 34" x 38"	500 W	1 KW	2 kW	5 kW/1100
OC5-1014-HE	10" x 14" x 10"	95" x 34" x 38"	500 W	1 KW	2 kW	5 kW/1100
OC3-1218-HE	12" x 18" x 12"	72" x 38" x 39"	1000 W	2 kW	3 kW	5 kW/1100
OC4-1218-HE	12" x 18" x 12"	89" x 38" x 39"	1000 W	2 kW	3 kW	5 kW/1100
OC5-1218-HE	12" x 18" x 12"	106" x 38" x 39"	1000 W	2 kW	3 kW	5 kW/1100
OC3-1622-HE	16" x 22" x 16"	88" x 43" x 44"	1000 W	4 kW	4 kW	10 KW/1100
OC4-1622-HE	16" x 22" x 16"	110" x 43" x 44"	1000 W	4 kW	4 kW	10 KW/1100
OC5-1622-HE	16" x 22" x 16"	132" x 43" x 44"	1000 W	4 kW	4 kW	10 KW/1100
OC3-1826-HE	18" x 26" x 18"	95" x 46" x 44"	1500 W	4 kW	6 kW	12.5 KW/1100
OC4-1826-HE	18" x 26" x 18"	119" x 46" x 44"	1500 W	4 kW	6 kW	12.5 KW/1100
OC5-1826-HE	18" x 26" x 18"	141" x 46" x 44"	1500 W	4 kW	6 kW	12.5 KW/1100
OC3-2436-HE	24" x 36" x 20"	121" x 56" x 52"	3500 W	8 kW	12 kW	20 KW/1800
OC4-2436-HE	24" x 36" x 20"	157" x 56" x 52"	3500 W	8 kW	12 kW	20 KW/1800
OC5-2436-HE	24" x 36" x 20"	189" x 56" x 52"	3500 W	8 kW	12 kW	20 KW/1800

**NOTE:** Standard power requirements on models 1014 through 1826: 240 VAC/60 HZ/3 phase; Model 2436: 480 VAC/60 HZ/3 phase. Other voltages are available.

\* Dimensions do not include load/unload tables for automation or 15" external generator rack.

#### Optional Features

- Custom Size and Configurations
- Oil Coalescing and Special Filtration Systems
- CTS Series Automation
- RoTumbler™ Rotational Process Baskets (Standard and Custom Baskets)
- Closed-Loop Rinse Water Systems



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#### The International Group of Crest Ultrasonics Cleaning and Technology Companies

- |                                  |                                   |
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| CC Hydrosonics LTD., UK          | Crest Ultrasonics, INDIA          |
| Closed Loop Water Systems, FL    | Deltasonics, France               |
| Crest RINCO Ultrasonics LTD., UK | Martin Walter AG, Germany         |
| Crest Ultrasonics, Korea         | Piezo Kinetics, Inc., PA          |
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| Crest Ultrasonics, Philippines   | Uthe Technology, Milpitas, CA     |
| Crest Ultrasonics, Singapore     | Uthe Technology, Japan            |
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| Crest Ultrasonics, Trenton NJ    |                                   |

# The Optimum Console™

# Aqueous & Semi-Aqueous Precision Cleaning System

## The Optimum Console

Crest Ultrasonics' Optimum Console is a versatile ultrasonic precision cleaning system designed to clean a wide variety of industrial components. The Optimum Console is available in aqueous or semi-aqueous process versions to solve today's high-tech cleaning challenges. Engineered with a compact, space-saving design and rugged stainless steel tubular frame, the Optimum Console is a cost effective solution to industrial cleaning applications. It offers the convenience of an all in one, wash-rinse-dry design with single point facility connections for easy installation. The Optimum Console is a user-friendly, manually operated console available with automation upon purchase, or can be added at a later date.

## System Configurations

The Optimum Console is available in 3, 4 or 5 station designs. Standard tank sizes range from 10"L x 14"W x 10"D to 24"L x 36"W x 20"D. Custom tank sizes are also available.

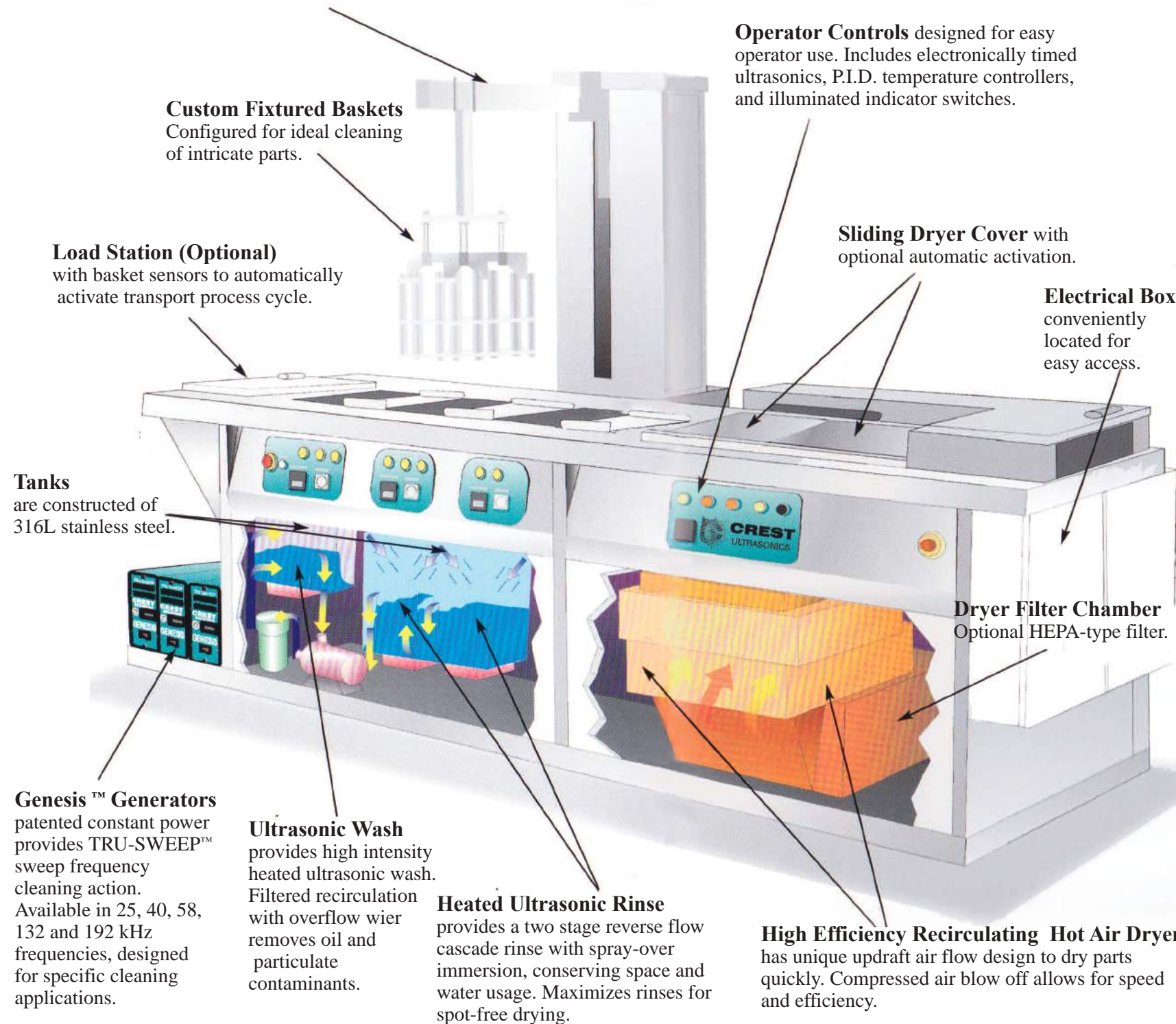


The three station Optimum Console is a wash-rinse-dry system designed for most general cleaning applications. For precision cleaning applications, our four-station wash-rinse-rinse-dry system is ideal for cleaning at the microscopic level. Our five-station wash-wash-rinse-rinse-dry system is configured for the Dual Process or semi-aqueous cleaning applications. Custom configurations are available.

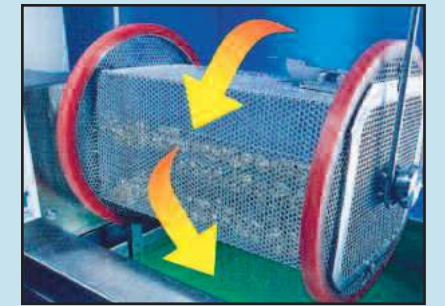


**CTS Series Automated Cantilever Transport System** (Optional) is rugged and reliable. It provides consistent processing for industrial and clean room applications.

**Model OC4 with Optional CTS-2000 Automated Cantilevered transport**



## The RoTumbler™ Rotating Basket



Crest's RoTumbler rotating basket is available on all Optimum Consoles. This unique rotational system is perfect for applications where fixturing is difficult or where parts tend to cup fluids.

## RoTumbler Features

- Light weight, easy-load ergonomical basket designs.
- Rotation drive system is based in the tank for improved cleaning efficiency and multiple in-process rotation.
- Drain back rotation minimizes carry over to rinse tanks and dryer.
- Durable non-contaminating friction drive.
- Many standard and custom baskets are available including dual use RoTumbler rotating basket, flat and rectangular systems for improved processing.



Optimum Console with Rigibot CTS-1000 Transport and RoTumbler Rotating Basket System.