

Crest Ultrasonics Aqueous, Semi Automatic, Ultrasonic Cleaning System.



Stock No	DE1600
Manufacturer	Crest Ultrasonics
Model	Aquatronic Low Line
Year of Manufacture	2021
Serial	1433102021
Condition	From a working environment, Excellent Condition, Current Model
Work Envelope (WxDxH mm)	Basket 380x275x200 : Tanks 450x420x400mm
Process Stages	U/sonic/Agitate/Heat/Wash/Rinse/Dry.
Other Info	HMI Controller and LHT Monitor
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	2260 x 1700 x 2475mm

Description

A two stage, wash & rinse component cleaner with high powered ultrasonics, this Crest Ultrasonics line features heating & spray jets in each tank, steam extraction and in-line filtering. All housed in a stainless steel body.

Stages - Automatic Cycle

1. Ultrasonic wash
2. Agitation wash

3. Immerse wash
4. Drip
5. Transfer
6. Ultrasonic rinse
7. Agitate rinse
8. Immerse rinse
9. Air knives blow off
10. At the end of the cycle there is a skimming off, of the surface contaminates into the waste water tank at the rear of machine. Once this tank is full, it automatically pumps away the contaminated waste before the next cleaning cycle.

Features

- Rod style transducers - 3 per tank
- Wash tank generator - 40kHz
- Rinse tank generators - 25kHz
- Heating elements for each tank
- Basket transfer arm
- Inline filters - 25µ & 10µ
- Coalescing filter system
- Two independent spray jet pumps - one for wash, one for rinse
- A waste water discharge pump
- 2 off, 77 Litre tanks
- Air knives blow off
- Steam extraction with filter and high pressure extraction fan
- B&R-Automation 6PPT30.0702-20B Power Panel T30 B&R Operator Interface 24 VDC
- LTH Multi parameter Monitor - *Details below*

LTH Multi Parameter Monitor

The MXD73 is a microprocessor controlled multi-parameter instrument that can be installed with a user selected combination of up to 3 sensor input cards. The instrument may be subsequently modified to meet changing requirements by the installation of additional, or different, cards and the attachment of the appropriate sensor(s).

Utilising a multifunction easy to read QVGA LCD the instrument displays readings and provides feedback to the operator on the status of the sensors and instruments outputs. In addition the instrument features, depending upon configuration, up to six control relays, up to six 0/4 – 20mA current outputs and an Modbus RS485 interface. These can be used to provide fully configurable control, alarm and feedback.

Finally the instrument also features an SD card interface which enables the user to backup and restore instrument settings, copy settings between instruments, log the sensor readings (optional extra) and to upgrade the instrument's software.

Service Requirements

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Machine Datasheet



- 415Volt, 3 Phase, 50 Hz
- Total current max. - 57 Amps
- Compressed air - 5 Bar
- Waste water drain/collector
- Tank Capacities - 77 Litres

Full original instruction manual with the machine.

CC Hydrosonics Support

Image: CC Hydrosonics

This machine is available with an installation, service and maintenance programme, CC Hydrosonics are familiar with this machine and are happy to provide quotations for commissioning and servicing.

Based in Essex, CC Hydrosonics are ultrasonics and cleaning specialists covering the UK for many different industries and are well placed to provide ongoing care and maintenance of this machine. Part of the Crest Ultrasonics Group they have been manufacturing innovative aqueous and solvent based ultrasonic cleaning equipment for over 50 years.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.