



CREST ULTRASONICS

Quotation #: C-58919 Rev A

Prepared for
Automatics and Machinery
Longmont CO 80503



Note: This picture may not reflect the actual equipment quoted.



CREST ULTRASONICS CORPORATION

System Summary:

Base Unit: Immersible Type Ultrasonic Transducer.

Item #	Item	Crest Part #	Delivery:			
1	Model 2CI-1719-18-SP	-	See Below			
2	Model 2G-1500-18	9502216	"			

Delivery: Approval drawings will be sent 2 - 4 weeks after receipt of order. Equipment will be shipped 8 - 10 weeks after receipt of signed approval drawing from the customer. A 2 weeks customer review period of the approval drawings is not included in this schedule.

Please confirm the delivery lead time when order is placed and throughout the build of machine. Final delivery date may change due to the uncertain global supply chain and ever-changing manufacturing circumstances.

Shipping: Ex works (EXW) Factory at Penang, Malaysia, Common Carrier

Prices DO NOT include any federal, state AND local taxes, duties and fees.

Prices quoted herein are firm for thirty (30) days

See below for a detailed description of the items listed above.

Crest Ultrasonics Corporation also provides a complete line of specially formulated cleaning chemistries. For details contact the factory or your sales representative or click on the following link: <http://www.crest-ultrasonics.com/ultrasonic-cleaning-solutions/>



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April 27, 2022

System Detail:

Item #1: Model 2CI-1719-18-SP - Ultrasonic Immersible Transducer

Transducer Dimensions: 17" left to right by 19" front to back by 3" high.
Transducer Material: 12 gauge, 316L stainless steel.
Ultrasonic Frequency: 25 kHz.
Ultrasonic Power: 1500 watts of power provided by thirty six (36), ceramically enhanced piezoelectric transducer modules

Misc. Features:

- An elbow fitting (2" turn radius) located on one (1) 19" by 3" end; in the 12 o'clock orientation
- A 24" height of stainless steel pipe.
- A stainless steel elbow.
- A 6" long of stainless steel pipe.
- A junction box
- Three (3) 72" lengths of coaxial cable.
- Dual mounting flanges.

Chemistry: **INTENDED for use with All Aqueous-Based DETERGENTS. NOT MANUFACTURED FOR USE WITH ANY FLAMMABLE LIQUIDS.**

Item #2: Model 2G-1500-18 - Ultrasonic Generator

Consists of three (3) 2G-500-6
Generator Dimensions: 15.75" left to right by 14" front to back by 12" high.
Generator Frequency: 25 kHz
Generator Power: 1500 watts (*Three (3) 500-watt modules*)

Misc. Features:

- Solid state construction, high efficiency circuit with low heat dissipation.
- RFI filter (in compliance with FCC regulations).
- Patented constant power circuit design monitors power output continuously adjusting input power for controlled consistency.
- Axial cooling fan (27 CFM).
- Lighted on/off switch.
- Rear panel mounted full and half wave selector switch.
- Adjustable, front panel-mounted, amplitude power intensity control.
- Factory-set Tru-Sweep™ sweep frequency at ± 1 kHz around the base frequency.

Power requirements: 120 volts/60 Hz/1 phase. (three (3) independent power cords with plug – each 4.2 amps)



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Terms and Conditions of System Warranty

Crest Ultrasonics Corp. herein will be named as the Supplier. The Customer who directly purchases this unit from Crest Ultrasonics Corp. herein will be named as the Purchaser.

- The Purchaser will provide all adequate Installation Requirements in order the system can operate as designed and intended.
- Crest Ultrasonics disclaims any responsibility or liability associated with the cleaning chemistry used in the specified equipment. For information on proper precautions, procedures, and other control measures to employ while using such materials, please refer to the Safety Data Sheet (SDS) provided by the manufacturer of the particular chemistry being used. **NOT MANUFACTURED FOR USE WITH ANY FLAMMABLE LIQUIDS.**
- Crest Ultrasonics Corp. will not accept responsibility or Liability on chemistry consumption. It is the customer's responsibility to ensure that chemistry consumption and system emission figures are in compliance.
- It is the Purchasers responsibility to abide by and ensure that all Installation Requirements meet relevant Health & Safety Standards and shall comply with local codes.
- The Purchaser shall elect persons to be involved with the installation, commissioning, and the operator training of the system. Thereafter, these personnel shall be responsible for on-site process maintenance and operator training.
- On no account for whatever reason shall the Purchaser modify or re-design or rectify any part(s) of the equipment or any parameters of the software program designed for use with the machine. Failure to comply will result in an immediate withdrawal of system Warranty.
- The Purchaser shall be responsible of initiating his or hers own in-house processing procedures, and implement regular service maintenance inspections on the system as part of that procedure.
- Should the purchaser claim under the provided Warranty, the claim must be valid and not due to misuse, negligence, or accidental damage. Should the supplier find cause to suspect any of the above mentioned, a full engineer's report will be submitted to the respective Purchaser, together with an invoice for the work performed.
- Failure to comply with all sections of this document will automatically invalidate any such Warranty unless the supplier feels it appropriate to continue to its full expiration date.
- If passing on the equipment to a Third Party due to sale, lease or hire, the Warranty is immediately invalidated, unless otherwise agreed by the supplier.
- Delivery dates are estimations and may be subject to change at any time. Crest Ultrasonics Corp. will not be held liable for any financial loss as a result of late delivery unless otherwise agreed in writing by both parties.
- Crest Ultrasonics warranty the immersible transducer for one year and ultrasonic generator for two years from initial shipment date.
- This quotation is a full and complete representation to the potential Purchaser of the products and/or services offered for sale by Crest Ultrasonics Corp. No representation, promise, or condition not set forth herein can be relied upon by the potential Purchaser or shall be considered a binding condition of sale.