

Ultrasonic-Online™

Precision detection of Frequencies and Ultrasonic Energy of an Ultrasonic Cleaning Tank

“Understand Your Ultrasonic Cleaning System Better!”



- Good Accuracies!
- Improvement Linearity!
- Display Energy Reading in mV!
- Improve Batteries Performance!
- True RMS Readings!

Principle Of Operation

The sensor probe detect frequencies and voltages inside the media of an ultrasonic cleaning tanks and compute them through highly accurate TRUE RMS converter before displaying on the screen.

Data Collection

With the handheld model, the probe can be “walked” across the ultrasonic cleaning tank to collect meaningful data for analysis.

The panel mount version offer a fixed position data collection and trigger high and low alarm setting on the voltage signal.

Cost Effectiveness

The low cost yet reliable instrument that offer a total process control of an ultrasonic cleaning system that has never done before.

With the reliable data collected, one can made a good judgment of performance of the ultrasonic tank over a period of time. An essential tools for all engineers to understand ultrasonic.



Easy Installation and User Friendliness

It is available in both handheld and panel mounted unit to suit different requirements of data collection.

The controller also provide a brightly lit LED display that can be visible up to several meters away.

NO maintenance is required for the probe or the controller at any time.

**Ultrasonic Online Handheld Series General Specifications**

Model	HH-LF (0.01 TO 60.00Khz) HH-CF (0.01 to 150khz)
Display	kHz for Frequencies Reading and mV for Ultrasonic Energy
Accuracy	+/-1kHz / +/-15mV
LCD	2 Line Character LCD display
Battery	5x AA Rechargeable Battery (Fully Charge allow up to 24 hrs. continuous usage)
Calibration	Recommended once a year
Warranty	1 year warranty against manufacturer's defect.
Probe type	S.S. 316 L , standard length 400mm
Probe Working temperature	0 to 70 °C

Chemical compatibility Incompatibility with highly corrosive acidic products

****LIFE TIME Limited Warranty for probe (** Subject to conditions of used and inspection)**

Ultrasonic Online Panel Mount Series General Specifications

Model	only LF(0.00 to 60.00kHz) or MF(60.01 to 150kHz) mode
Display	kHz for Frequencies Reading and mV for Ultrasonic Energy
Accuracy	+/-1kHz / +/-15mV
LCD	16 x 2 Backlight
Power Supply	+24VDC
Features	Upper limits / Lower limits setting point normally open, alarm relay
Calibration	Recommended once per year
Warranty	1 year warranty on controller against manufacturer's defect.
Weight	96X48X120mm ABS , DIN 43700 150 g
Probe type	S.S. 316 L , standard length 400mm
Probe Working temperature	0 to 70 °C

Chemical compatibility Incompatibility with highly corrosive acidic products

****2 years Limited Warranty for probe (** Subject to conditions of used and inspection)**



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