

hygea[®] Ultrasonic Activity Meter

Specifications

Probe Assembly in Stainless Steel	15 × 244mm long
Handle in ABS Plastic	105mm long
Instrument Case in ABS Plastic	130 × 65 × 25mm
Weight (probe and cable)	350 grams
Weight (instrument including battery)	200 grams
Indicator 1: Frequency	5-50 KHz
Indicator 2: Power	10-100%
Battery 9V	PP3
Cable Connector	BNC 2P
Warranty	12 months
Calibration Period	12 months



Operating Instructions

1. The Hygea Ultrasonic Activity Meter should be used to measure the level of ultrasonic activity throughout the tank. It is recommended that the tank be divided into 9 sections and measurements taken at just below the surface and at least 3 cm from the base of the bath, where the depth of the tank allows.
2. Insert the probe into the cleaning fluid inside the tank. To take a reading press and hold the button on the meter. Record the results displayed on both the Frequency and Power displays.
3. Repeat this in the 9 specified places at the two different depths throughout the bath, including each corner.
4. Record the results so that future tests can be compared. If there is a reduction in the readings over time, your ultrasonic cleaning system may not be working at full efficiency and may need validation and servicing.

Note: It should not be expected that the Meter will give readings of 100% every time. The Hygea Ultrasonic Activity Meter is designed to be used as a comparative measurement device over a period of time. If the readings change significantly, it is recommended that you contact Ultrawave for information and advice.