

 Ultrawave



Series

Digital Ultrasonic Baths



Outstanding ultrasonic cleaning performance with digital validation for professional environments



Q-Series

Digital Ultrasonic Baths

Ultrawave's Q-Series is operated with an easy to use digital panel for accurate cycle parameter control and effective cleaning performance for all applications.

Available from 2.5 to 25L, the Q-Series allows digital traceability of cycle number, time and temperature to be stored onto your PC through its integral data logger.

Incorporating Frequency Leap Technology, the Q-Series ultrasonic baths offer outstanding performance for use in scientific and laboratory applications, cleaning of instruments in medical device manufacturers, chiropody, veterinary and many other professional environments.

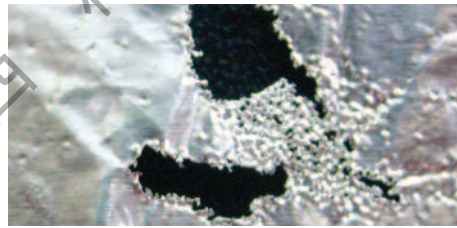


Frequency Leap Technology

Using Ultrawave's advanced software, Frequency Leap creates a pseudo-random leaping action between a wider frequency range. This reduces the standing wave to give improved cleaning performance time after time.

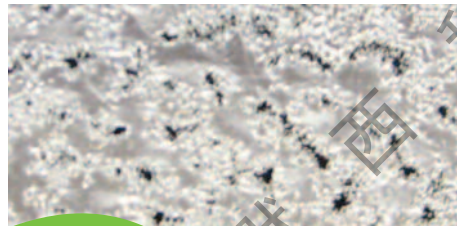
Picture A illustrates hot and cold spots from a foil ablation test using fixed frequency.

Picture A



Picture B shows a more consistent, homogenous cavitation activity generated by Frequency Leap Technology.

Picture B



Features of Frequency Leap Technology

- Reduced ultrasonic dead spots and standing waves
- Homogenous cavitation activity throughout the tank means a more consistent cleaning action
- Faster, more effective and efficient results

1. Accurate process control

- Digital LCD control
- Timer 0 to 99 minutes
- Temperature up to 70°C
- Degas mode
- Power adjust mode

2. Frequency Leap

- Homogenous & consistent ultrasonic activity

3. Drain outlet

- Allows easy tank drainage

4. Fluid level sensor

- Protects the ultrasonic transducers

5. Memory card datalogger

- Digital cycle validation

6. Stainless steel basket

- Supplied with every machine

7. ABS plastic lid

- Supplied with every machine





Series

Digital Ultrasonic Baths

Ultrawave is:

- ISO9001 compliant
- ISO13485 compliant
- UK manufacturer

After Sales Service

- 3 year warranty
- Full service and maintenance packages available

Also available

- Ultrasonic detergents
- Lids and baskets
- HTM compliant ultrasonic cleaners
- Industrial ultrasonic cleaners
- Customised ultrasonic systems
- Submersible transducers and generators



Model	Capacity (L)	External tank dimensions (mm)	Internal tank dimensions (mm)	Basket dimensions (mm)	Ultrasonic power (W)	Heater power (W)
QS3	2.5	285 x 185 x 265	240 x 140 x 100	220 x 125 x 40	50	150
QS5	4.5	345 x 200 x 265	300 x 150 x 150	275 x 125 x 90	100	150
QS10	9.5	550 x 180 x 265	500 x 140 x 150	460 x 110 x 90	200	250
QS12	12.5	345 x 285 x 365	295 x 245 x 200	265 x 215 x 140	200	300
QS18	17.5	375 x 345 x 365	330 x 300 x 200	285 x 260 x 140	300	450
QS25	25.0	550 x 345 x 365	500 x 300 x 200	470 x 270 x 140	400	650

