



# 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.

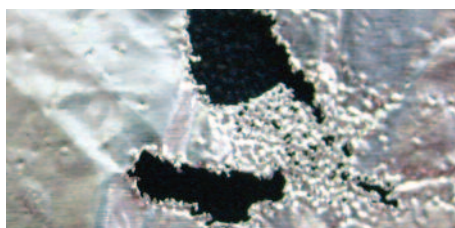


### Frequency Leap Technology

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.

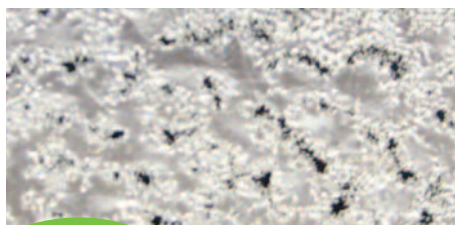
**Picture A** illustrates hot and cold spots from a foil ablation test using fixed frequency.

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







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## 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



Eastgate Business Park,  
Wentloog Avenue,  
Cardiff, CF3 2EY, UK

Tel: +44 (0) 845 330 4236  
Fax: +44 (0) 845 330 4231  
admin@ultrawave.co.uk  
www.ultrawave.co.uk

