



Qi-Series

Industrial ultrasonic cleaners



Special Features

- Frequency Leap Technology
- 2mm thick stainless steel tank
- Digital process control

“Industrial grade ultrasonic cleaners for demanding manufacturing applications”

Qi-Series

Industrial ultrasonic cleaners

The Qi-Series of ultrasonic cleaners are robust and reliable, delivering outstanding cleaning performance in a wide range of industries. From precision pharmaceutical and medical device manufacturing to heavy duty cleaning in automotive and engineering processing.

Ultrawave are experts in ultrasonic cleaning. The Qi-Series combines the highest quality design with advanced technological features, giving excellent ultrasonic cleaning performance for even the most demanding applications.

The 2mm thick stainless steel tank provides longevity and durability whilst the quality and reliability of the Qi-Series is guaranteed and supported by our experienced Ultrasonic Service Team.

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.

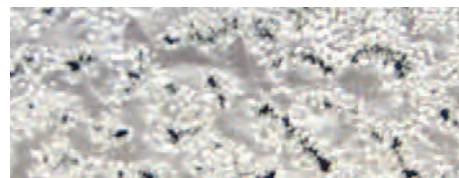
Picture A illustrates hot and cold spots from a foil ablation test using fixed frequency.

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, effective and more efficient results





Ultrawave

Features

1 Stainless steel tank

- 2mm thick for extra durability
- 304 (standard) or 316 grade (optional)

2 Digital LCD control panel

- Timer 0-99mins / infinity
- Temp up to 80°C
- Degas mode

3 Fluid level protection

- Protects the ultrasonic transducers & heaters

4 Frequency Leap Technology

- Homogenous & consistent ultrasonic activity

5 Warranty

- 2 years on the ultrasonic cleaner
- 5 years on bonding of transducers

6 Lockable drain valve

- Allows easy tank drainage

7 Stainless steel lid

- Supplied with every machine

8 Stainless steel basket

- Supplied with every machine



Qi-Series

Industrial ultrasonic cleaners

Ultrawave are:

- ISO9001 compliant
- ISO13485 compliant
- UK manufacturer

Supplied complete with:

- Stainless Steel lid
- Stainless steel basket
- Detergent sample

After sales service

- 2 year warranty
- Full service & maintenance packages available

Also available

- Ultrasonic detergent
- Lids & baskets
- HTM compliant ultrasonic cleaners
- Customised ultrasonic systems
- Submersible transducers & generators
- Sub-contract cleaning



Model	Capacity (litres)	External Tank Dimensions (mm)	Internal Tank Dimensions (mm)	Basket Dimensions (mm)*	Ultrasonic Power (W)	Heater Power (W)
Qi-100	5.0	375 x 300 x 310	275 x 125 x 150	250 x 110 x 75	100	300
Qi-200	12.0	375 x 390 x 420	275 x 215 x 200	245 x 195 x 125	200	600
Qi-300	17.0	400 x 460 x 420	305 x 275 x 200	275 x 250 x 125	300	750
Qi-400	30.0	580 x 460 x 420	485 x 275 x 220	455 x 250 x 140	400	1350

* Note angled basket handles reduce width dimensions by 25mm each end



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