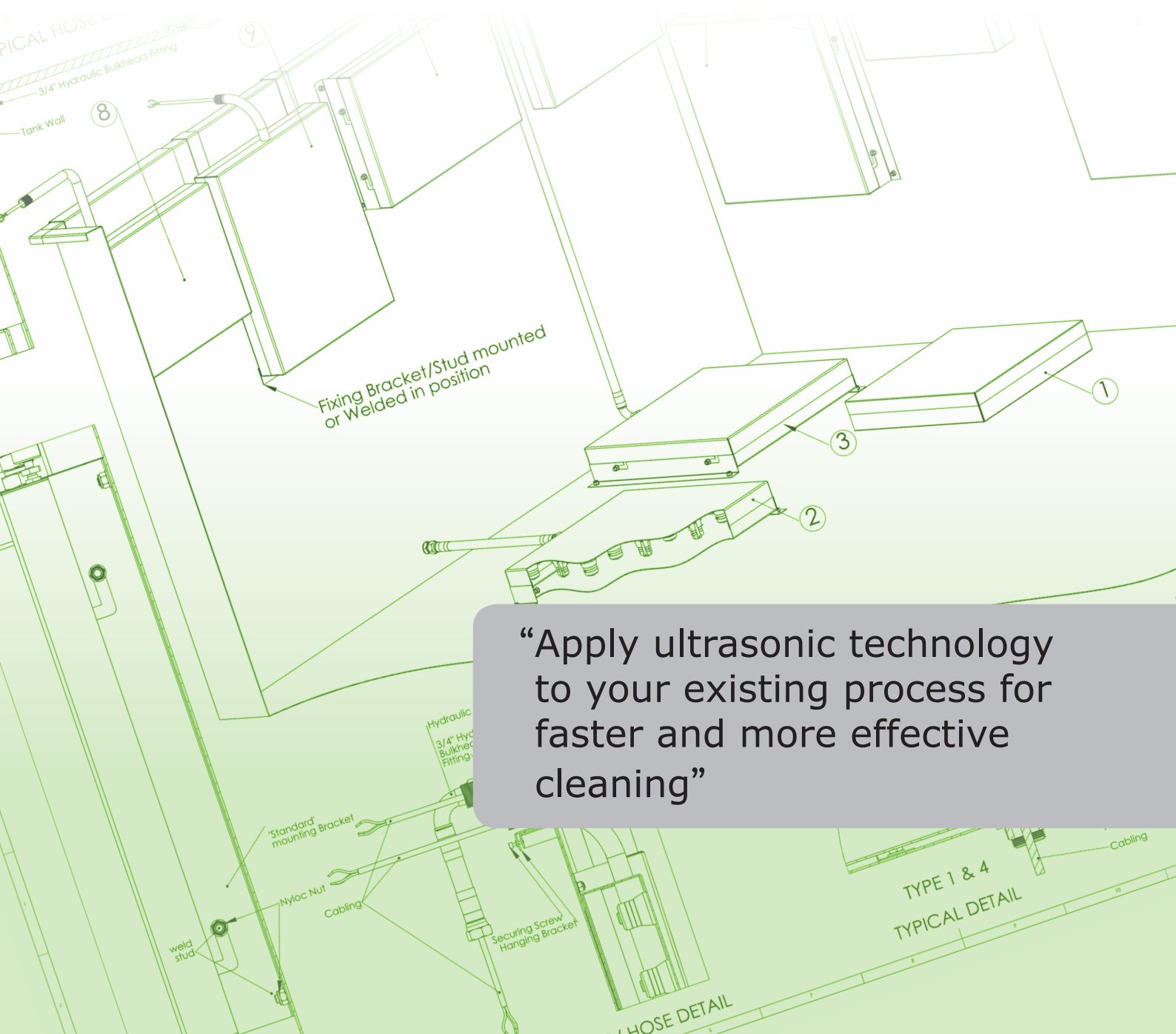




Ultrawave
Ultrasonic Precision Cleaning

Submersible Transducers and Generators



“Apply ultrasonic technology to your existing process for faster and more effective cleaning”

Submersible Transducers

Ultrawave have been manufacturing ultrasonic systems for over 25 years. From benchtop baths to multi-stage systems, Ultrawave ultrasonic cleaners can be used in the most diverse cleaning and processing applications.

Our experience in supplying to manufacturing industries such as aerospace, automotive and medical devices means that we can specify, design and manufacture tailored solutions for industrial requirements.

Submersible Transducers

Ultrawave understand the different cleaning requirements for varied industries and applications. Our Submersible Transducers are manufactured to meet individual customer's specifications. We ensure that the size and ultrasonic power are tailored to provide the best cleaning and processing results.

When combined with Ultrawave's SMART ultrasonic generators, Submersible Transducers can be easily controlled and will deliver excellent cleaning performance time after time.

Renew, Revitalise & Reduced Costs

Retro fit Submersible Transducers to renew your ultrasonic tank or improve and upgrade your solvent or spray system with ultrasonic technology. You can have exceptional cleaning performance at a fraction of the price of a new system.

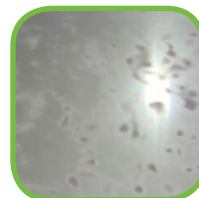
Flexible & Efficient Maintenance

Ultrawave's experienced Technical team ensures that the fitting and removal of Submersible Transducers is simple and straightforward. Service disruption to your day-to-day cleaning and processing activities is minimised.

Hard Chrome Plating

Our Submersible Transducers have hard chrome plating as standard to ensure longevity and durability of your ultrasonic cleaning system. The below pictures show resistance of hard chrome plating to cavitation erosion.

Stainless Steel



Hard Chrome





Ultrawave

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SMART

Generators

The Ultrawave SMART Generator is a digitally controlled power source, used to send power to Ultrawave transducers

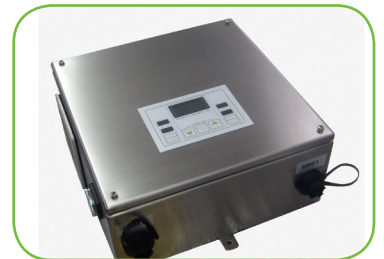
The technically advanced SMART Generators have an easy to use digital control panel. This allows accurate process control to ensure optimum cleaning efficiency for your ultrasonic cleaning system.

Frequency LEAP Technology

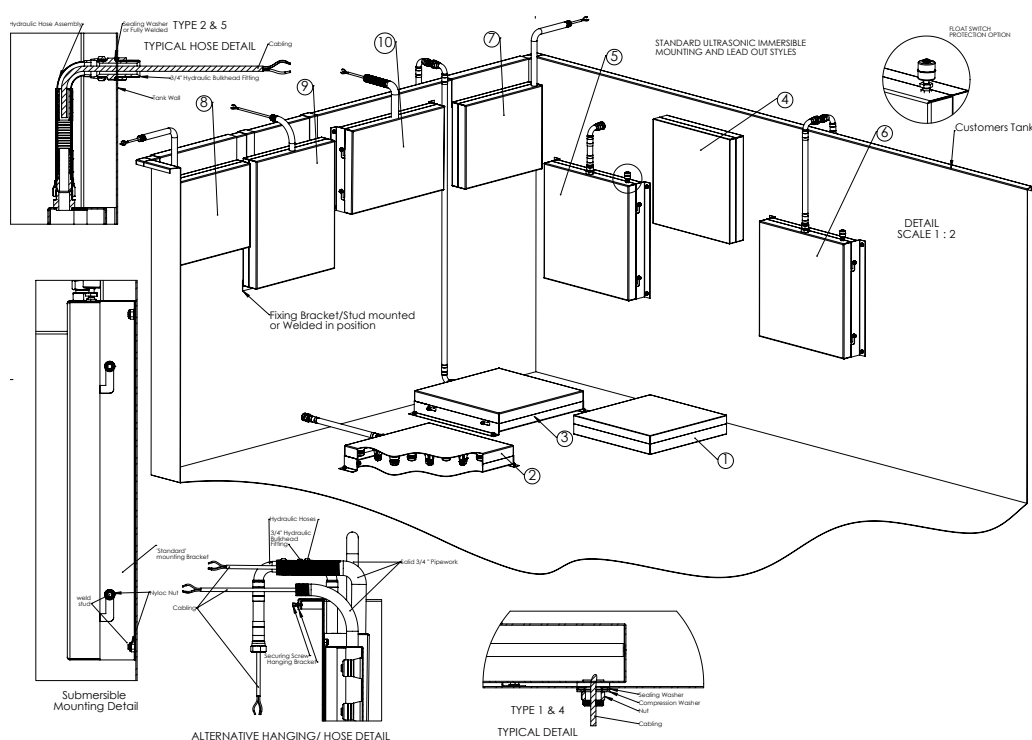
Incorporating Ultrawave's advanced software, Frequency Leap technology creates a pseudo-random leaping action between a wider frequency range for your submersible transducers. This reduces the standing wave in your ultrasonic cleaning system to give improved cleaning performance time after time.

Submersible Transducers & Generator features and options

Control	<ul style="list-style-type: none">• Digital• External PLC (Programmable Logic Controller)
Power	<ul style="list-style-type: none">• 500W to 3000W
Construction	<ul style="list-style-type: none">• 304L Stainless Steel• 316L Stainless Steel• Hard Chrome Plating
Frequency	<ul style="list-style-type: none">• 30-40 kHz
Features	<ul style="list-style-type: none">• Variable Power Output• Degas• Frequency Leap• Feedback Monitoring
Generator	<ul style="list-style-type: none">• Free Standing• Wall Mount



Submersible Transducers & Ultrasonic Generators



Ultrawave are:

- ISO9001 compliant
- ISO13485 compliant
- UK manufacturers

Also available:

- Ultrasonic detergents
- Benchtop baths
- Industrial tanks
- Customised systems

After sales service:

- Full installation, service & maintenance packages available

