

Ultra Sonic Washing Machine



A water-based washing machine ideal for preceding and following of barrel finishing process.

Washing machine that a barrel finishing manufacturer comes up with.

Benefit

- Uniform washing by agitating a large amount of workpieces.
- Even a complicated shape can be washed.
- Short washing time.
- Applicable to washing method that suites the washing purpose.
- Safe with non-usage of hydrocarbon-based cleaning agent.
- Easy layout with dehydrator and drier.
- Easy operation in automatic mode.
- Easy take out by a diagonal angled drum.

Structure and Principle



During washing

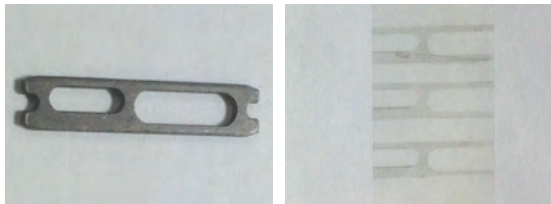
The Ultra sonic washing machine removes dirt in synergistic effect with cavitation effect, acceleration and straight flow. First, the impact of cavitation is used to remove dirt from the workpieces. Then, removed dirt is pulled away by acceleration and the dirt is dispersed in a straight flow.

Cavitation Effect

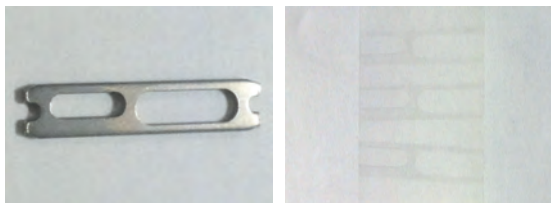
Cavitation effect is an effect that utilizes the shock waves caused by the collapse of vacuum bubbles generated in a liquid by ultrasound waves.

Washing Example (State change before and after washing)

Before washing



After washing



Application

- Before Barrel Finishing
Decrease cleansing
- After Barrel Finishing
Washing the abrasive powder of workpieces
Washing the abrasion powder of abrasive media
Washing the chemical compound residues

Option

Applicable to be combined with a filter, degassing device and pure water production system etc. according to the application.

Specifications

	Width mm	Depth mm	Overall Height mm	Weight kg	Mesh Bucket Size mm	Mesh Bucket Capacity ℓ	Effective Processing Capacity ℓ	Limit Amount kg	Main Tank Capacity ℓ	Sub Tank Capacity ℓ	Ultrasonic Oscillator Output W	Apparent Power KVA
WM-K	950	1950	1500	800	300×300×260	17	6.8	13	170	50	600	10

*The specifications of machines may be changed for improvement without prior notice.



Head Office 3-19-21 Toyoda, Minami-Ku, Nagoya, Aichi Prefecture 457-8566 Japan
Tel: +81-52-692-6666 Fax: +81-52-692-9445

Headquarter-Sales 3-19-21 Toyoda, Minami-Ku, Nagoya, Aichi Prefecture 457-8566 Japan
Tel: +81-52-692-7175 Fax: +81-52-692-0249

Tobishima Factory 3-25-1 Odakara, Tobishima-Mura, Ama-Gun, Aichi Prefecture 490-1438 Japan
Tel: +81-567-56-7500 Fax: +81-567-56-7513

Quality Assurance Section for Product Quality Tel: +81-567-56-7503 Fax: +81-567-56-7516
Engineering Section for Machine Maintenance Tel: +81-567-56-7504 Fax: +81-567-56-7514

Web Site <https://www.tipton.co.jp/english/>
E-mail sales-department@tipton.co.jp
overseas@tipton.co.jp

※All unapproved reproductions of a report, a photograph, etc are forbidden found in this catalog.

•INQUIRIES