

Our Products

Applied Industries

- Electronic Industry
- HDD and Computer Industry
- Automotive Industry
- Semiconductors Industry
- Watch and Jewelry Industry
- Medical Industry
- LCD and Glass Industry
- Metal Parts Precision Industry



WATER-BASED SINGLE SUMP / MULTI-SUMP ULTRASONIC CLEANING MACHINE

- use the latest circuit technology
- special sweeping function
- with auto-tuning and feedback device
- come with different frequencies, range from 28 to 400 KHz



HYDROCARBON ULTRASONIC CLEANING MACHINE

- degasification system
 - vacuum cleaning and drying system
 - vacuum distillation recycle system
- It has several safety measures i.e. indirect heating, over heating prevention, anti-explosion motor, air segregation etc.

INDUSTRIAL CHEMICAL

For : Watch and Jewelry Industry

- hydrocarbon-based washing solvent
- water-based washing solvent
- isopropyl alcohol (IPA)
- rust preventive oils



IMMERSION ULTRASONIC TRANSDUCER PLATE

- use the latest circuit technology
- special sweeping function
- radiation side with extra thickness and hard chromium plating
- come with different frequencies, range from 28 to 400 KHz
- can be installed in production line for operation replacement and modification

Ultrasonic Process Controller "UPC3000"

(เครื่องตรวจสอบและควบคุมการทำงานอัลตราโซนิก)

(Product of Switzerland)



Electronic Measurement

- Ultrasonic Power (Watt : Liter)
(ตรวจสอบกำลังคลื่นอัลตราโซนิก)
- Temperature
(ตรวจสอบอุณหภูมิ)
- Water Quality before Air & Vacuum Drying
(ตรวจสอบคุณภาพของน้ำ DI)
- Density of Detergent*
(ตรวจสอบความเข้มข้นของน้ำยา)



Product of Switzerland



Pasuda



ULTRASONIC CLEANING

Pasuda

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ISO 9001 : 2015 Certified

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Single-Tank Ultrasonic Cleaning Machine

"ACE" Single tank use clean water as ultrasonic waves media in cleaning jewelry items and other small parts

General Feature of Single Tank Ultrasonic Washing Machine

Transducers of "Poreless Piezo Ceramic" type emits more stable wave frequency. Inner tank made of 2mm-thickness SUS-316 stainless steel to tolerate severely acidic/alkaline environment.

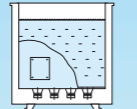
- Damage due to short-circuiting prevented by fuse and magnetic contactor.
- Constant temperature of media within the range of 30-100°C controlled by thermostat.
- Ultrasonic waves generator completely independent from washing tank.
- Generator can boost up the transducer's power up to 15%.
- Frequency-adjustable generator enhancing optimum washing performance.
- Sweep function is enabled
- 0-100% power adjustable shown by LED.
- Automatic shut-off by digital timer.



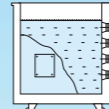
Ultrasonic Tank



Ultrasonic Generator



Transducers Base Mounted



Transducers Side Mounted

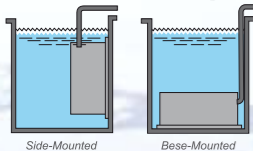
Immersion Ultrasonic Transducer Plate

Application

Suitable for cleaning metal and parts before or after electro-plating in the industries of precision electronic, watch and clock, optical, glasses, metal and mechanics, jewelry, semiconductor, etc.

Ultrasonic Generator

- use the latest circuit technology, stable high frequency signal output
- with power adjustment and display
- with digital timer



Transducer Plate

- transducer plate made of SUS316L stainless steel, with 30 μm chromium plating (optional) stronger resistance to corrosion
- use high quality ultrasonic transducer, will better efficiency, bigger power output
- immerse in different types of containers for different kind of cleaning purposes as in base-mounted, side-mounted and top mounted requested by customers

ACE-2008TP Ultrasonic Cleaning Machine



Special Single Tank

ACE-1024TP Ultrasonic Cleaning Machine

Features:

- The structure and tank is made of stainless steel, nice shape
- Ultrasonic generator and tank integrated structure, clean and beautiful
- With agitation device, bring easy operation and better cleaning effect
- With timer to set the working time
- With temperature control and heater



ACE-1144T Multi-frequency 5-Side Ultrasonic Cleaning Machine

Features:

- Set one, two or three frequency for use at same time according to cleaning requirement.
- Five-sides of tank are installed Ultrasonic transducer to get a better cleaning effect.
- 28kHz is suitable for cleaning adhesive pollutant with big granule, 40kHz for small pollutant and 80kHz for precise cleaning at small sew, hole or inside.



Optical Industry

ACE-4108RA Automatic Glass and Lens Cleaning Machine

Features:

- This model is a special cleaner for optical industry.
- Mainly used for cleaning before film plating of lens
- Adopt neutral water base, alcohol or solvent.
- With CO2 Fire Extinguisher and gas detector for safety.



ACE-6048A Ultrasonic Cleaning Machine

Features:

- This model is a special cleaner for optical industry.
- Multi-arms transporter bring very fast cleaning
- Easy operation with touch screen and PLC



ACE9090A Glass Watch Washing Machine

Features

- Unique design for better cleaning & drying result
- With Ultrasonic and Spray Technology
- Use high effective Oil-Water separator
- Alarm system to indicate work status at all tanks



Watch/Metal Industry

ACE-2036TA Automatic Ultrasonic Cleaning Machine

Features

- Washing target: Engine Part
- Auto Multi-arms transporter droved by gear motor.
- With hot air drying
- All closed window, very beautiful
- Have exhaust blower



ACE-9126A Watch Case Ultrasonic Cleaning Machine

Features:

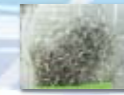
- Washing target: Watch and Clock Part
- Transporter use air cylinder for safety operation
- Free roller loading/unloading.
- Slow lift device for quickly drying
- All closed window and exhaust system, ensure good working environment



ACE-9336A Surgical Needle Cleaning Machine

Features:

- Washing target: Medical Needle
- Transporter use air cylinder for safety operation
- Special auto cover
- Auto loading/unloading droved by air cylinder.
- Tank's material's is SUS316, acid-proof
- All closed window and exhaust system, ensure good working environment



ACE- 5072A Condenser Parts Cleaning Machine



Pasuda

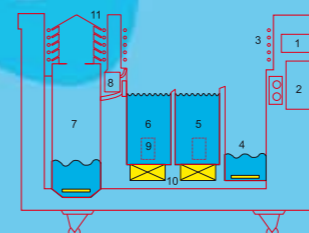


ACE - 4R Series

MODEL	ACE-4012R	ACE-4024R	ACE-4030R	ACE-4036R	ACE-4048R
ULTRASONIC POWER	600 W	1200 W	1500 W	1800 W	2400 W
ULTRASONIC FREQUENCY	28/40 KHZ	28/40 KHZ	28/40 KHZ	28/40 KHZ	28/40 KHZ
SIZE OF INNER SLOT (MM)	260x210x260	280x330x330	380x330x380	430x330x380	430x560x430
SIZE (MM)	1699x1156x1170	1779x680x1288	2179x680x1375	2375x680x1435	2379x910x1505

Feature :

1. Control Panel
2. Ultrasonic Generator
3. Cooling Coil
4. Vapour Bath Sump
5. Ultrasonic Sump 2#
6. Ultrasonic Sump 1#
7. Distillation Recycling Sump
8. Water Separator
9. Heater
10. Ultrasonic Transducer
11. Distillation Tower
12. Thermostat



Ultrasonic Vapour Degreaser ACE-R Series Ultrasonic Vapour Degreaser

apply non-flammable organic solvent such as chlorylene, methyl chloroform N-Propyl Bromide. It has following functions: thermo cleaning, supersonic cleaning, steaming cleaning, frozen drying, cleaning solvent recycle. It may be used clean away turpentine on electronic parts or printed circuit, grease on parts of precise machine, clock buckle, clock cover, lamp, glass products etc.

Feature :

- Steady performance
- Apply compressor to avoid solvent volatilization
- Have solvent filtering system and recycling system to cut down production cost
- Have liquid level controlling system to ensure normal work



Plastic Injection Mold Cleaning Machine

FEATURE

System applies shock on surface of dirt and makes the dirt afloat by force of ultrasonic wave



BEFORE CLEAN AFTER CLEAN