

ASONIC

Ultrasonic cleaning

Infinite cleaning possibilities





Enter the world of
impeccable cleanliness!

About us:

Established in 2012, Asonic™ is a trusted industry leader in the field of ultrasonic cleaning technology. We have been dedicated to providing high-quality ultrasonic cleaners that cater to a wide range of industries and applications. Whether you're in the medical, automotive, electronics, jewelry, or any other industry that requires precision cleaning, Asonic TM has the right ultrasonic cleaner for you.

The advanced technology we use allows every smallest impurity and dirt to be thoroughly removed.

Their advanced technology uses ultrasonic waves to gently but thoroughly remove stubborn dirt, oil stains, particles and bacteria from various surfaces.

With Asonic ultrasonic cleaners and cleaning agents, you will achieve not only superior cleanliness, but also greater efficiency and competitiveness on the market.

We offer a wide range of Ultrasonic Cleaners from Home Series to Industry series, and we can also provide you with Customize Ultrasonic Cleaners.

We can develop complete ASONIC Ultrasonic Cleaning Machines adapted to the particular needs of each sector, with capacities ranging from 30 litre to 15.000 litres and a wide range of frequencies, bubble densities and power. Custom-built ultrasonic tanks can incorporate a combination of aqueous and drying processes.

If you have a requirement for a custom made solution, please contact us and a member of our technical team will be happy to assist you in designing a system to suit your needs.

ASONIC

SECTORS



Automotive Industry:

Automotive parts:

Engine components, fuel injectors, carburetors, and other automotive parts can be cleaned using ultrasonic technology.

Car detailing:

Ultrasonic cleaning can be used to clean intricate car parts, including interior components and engine parts.



Optical Industry:

Eyeglasses and lenses:

Ultrasonic cleaning is used to remove oils, dirt, and residues from eyeglass frames and lenses.



Medical and Healthcare:

Surgical instruments:

Ultrasonic cleaners are used to clean and sterilize surgical instruments effectively.

Dental equipment:

Dental tools, implants and equipment can be cleaned to ensure proper hygiene.

Laboratory equipment:

Glassware, test tubes, and other lab equipment are commonly cleaned using ultrasonic technology.



Jewelry and Watchmaking:

Jewelry:

Precious metals and gemstones are cleaned to restore their shine and luster.

Watches:

Watch components, including gears and watch cases, can be cleaned without disassembly.



Manufacturing and Industrial Cleaning:

Plastic industry:

for maintainance and repair of extruder and injection machine equipment.

Metal processing:

clening before processing, after machining or chipless manufacturing, painting copper, aluminium, steel or zamak.

Heavy Industry:

for maintainance and repair of machine parts, equipment, filters and molds in production facilities

Aerospace Industry:

Aircraft parts and engine components are cleaned to maintain performance and safety standards.

Defence Industry - Gun parts:

Firearm enthusiasts and professionals use ultrasonic cleaners to clean and maintain guns and firearm components.



Printed Circuit Board (PCB)

Manufacturing:

PCBs are cleaned to remove solder flux residues, ensuring the quality and reliability of electronic devices.

Agriculture:

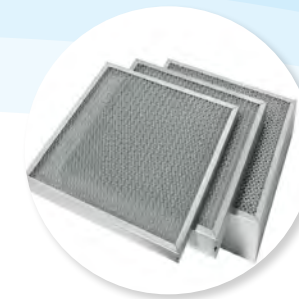
Farming equipment: Ultrasonic cleaning can be used to clean agricultural equipment, such as nozzles and filters.

Precision parts cleaning:

Components used in manufacturing, such as gears, bearings, and metal parts, can be effectively cleaned using ultrasonic technology.

Electronics manufacturing:

Printed circuit boards (PCBs) and electronic components are cleaned to remove flux residues and contaminants.



PRO
SERIES:

A professional ultrasonic bath is a **highly efficient** and **powerful cleaning device** that utilizes **ultrasonic technology** for thorough and effective cleaning. These baths are commonly used in various industries, including healthcare, electronics, manufacturing, automotive, and more.

These baths **offer precise control** options for cleaning time, temperature, and ultrasonic frequency. Professional ultrasonic baths **provide efficient and time-saving cleaning solutions**. The ultrasonic technology significantly reduces the cleaning time compared to manual scrubbing or traditional cleaning methods, increasing productivity in industrial settings.



ASonic PRO-30

PRO
SERIES:
28 kHz/40 kHz

Ultrasonic cleaners are available in two different frequency: 28kHz or 40kHz.

Ultrasonic frequency of 28 kHz provides thorough and strong cleaning. Optimal for large flat surfaces. 28 kHz has stronger cleaning effect – it creates larger bubbles with higher power. Ultrasonic cleaning at a frequency of 28 kHz offers several advantages:

- 1. With a frequency of 28 kHz, the generated bubbles are relatively small and **can penetrate into tight spaces and small crevices** on the surfaces of objects, ensuring thorough cleaning.



ASonic PRO-300

- 2. **Effective Removal of Contaminants**
- 3. It can effectively clean various **materials, including metals, ceramics, glass, plastics, and more**, making it suitable for use in diverse industries.

Ultrasonic frequency of 40 kHz with less energy but higher density. 40 kHz frequency is especially suitable for softer metals, plastics and objects with a polished surface.



ASonic PRO-8

ASonic PRO-20

ASonic PRO-50

ASonic PRO-70



ASonic PRO-100

ASonic PRO-150

ASonic PRO-300

Model:	PRO-08	PRO-20	PRO-30	PRO-50	PRO-70
Ultrasonic power:	35 W	60 W	120 W	120 W	180 W
Frequency:	40 kHz	40 kHz	40 kHz	40 kHz	40 kHz
Number of transducers:	1	1	2	2	3
Timer:	1 - 99 min	1 - 99 min	1 - 99 min	1 - 99 min	1-99 min
Temperature:	/	80°C	80°C	80°C	80°C
Tank volume:	0,8 l	1,5 l	2,75 l	3,5 l	6,4 l
Basket dim. (LxWxH, mm):	140x70x45	140x120x70	220x130x75	270x145x75	270x145x110
Tank dim. (LxWxH, mm):	150x90x60	150x137x105	235x135x105	300x150x100	300x150x150
Discharge valve:	NO	NO	NO	NO	YES

Model:	PRO-100	PRO-150	PRO-300-40kHz	PRO-300XL
Ultrasonic power:	240 W	360 W	600 W	840 W
Frequency:	40 kHz	28 kHz / 40 kHz	28 kHz / 40 kHz	28 kHz / 40 kHz
Number of transducers:	4	6	10	14
Timer:	1-99 min	1-99 min	1-99 min	1-99min
Temperature:	80°C	80°C	80°C	80°C
Tank volume:	9,0 l	13,0	28,0 l	29,0 l
Basket dim. (LxWxH, mm):	270x220x110	300x280x115	470x280x125	890x190x115
Tank dim. (LxWxH, mm):	300x240x150	320x300x150	500x300x200	900x205x160
Discharge valve:	YES	YES	YES	YES

PRO SERIES: with S - degas

Degasing is a function of dissolving bubbles from liquid.

When a cleaning solution is initially prepared or when it is exposed to air or certain chemicals, it can become saturated with dissolved gases. These gases, such as oxygen or carbon dioxide, can interfere with the efficiency and effectiveness of the ultrasonic cleaning process.

The degassing process removes these gases from the liquid, improving the cleaning performance.

In cases where saving time is an essence degas function is of immense help.



ASonic PRO-100SP



ASonic PRO-70S



ASonic PRO-100S



ASonic PRO-150S



ASonic PRO-300S

INDUSTRIAL SERIES:

ASONIC industrial ultrasonic cleaner is a powerful and robust cleaning device designed for heavy-duty cleaning applications in industrial settings. These cleaners are specifically engineered to handle large volumes of items or larger objects that require efficient and thorough cleaning.

Our industrial ultrasonic cleaners are available in a range of sizes and capacities to accommodate



ASonic IND-2000

large or bulky items capacities from 30 to 300 liters. They offer customization options such as adjustable power levels, frequency settings, cleaning time, and temperature control, allowing for precise cleaning according to specific requirements.



ASonic IND-400



ASonic IND-1000



ASonic IND-3000



ASonic IND-7800

Model:	PRO-70S	PRO-100S	PRO-100SP	PRO-150S	PRO-300S
Ultrasonic power:	180 W	240 W	240 W	360 W	600 W
Frequency:	40 kHz	40 kHz	40 kHz	40 kHz	40 kHz
Number of transducers:	3	4	4	6	10
Timer:	1 - 99 min	1 - 99 min 80°C	1 - 99 min	1 - 99 min	1 - 99 min
Temperature:	80°C	80°C	80°C	80°C	80°C
Max tank volume:	6,4 l	9,0 l	9,0 l	13,0 l	28,0 l
Basket dim. (LxWxH, mm):	270x145x110	270x220x120	270x220x110	300x280x115	470x280x125
Tank dim. (LxWxH, mm):	300x150x150	270x220x110	300x240x150	320x300x150	500x300x200
Discharge valve:	YES	YES	YES	YES	YES

Model:	IND-400	PRO-1000	PRO-1000	PRO-2000	PRO-3000	PRO-7800
Ultrasonic power:	720 W	1080 W	1440 W	2520 W	3600 W	9360 W
Frequency:	28 kHz	28 kHz	28 kHz	28 kHz	28 kHz	28 kHz
Number of transducers:	12	18	24	42	60	15
Timer:	1min - 9h	1min - 9h	1min - 9h	1min - 9h	1min - 9h	61min - 9h
Temperature:	80°C	80°C	80°C	80°C	80°C	80°C
Tank volume:	39,0 l	57,0 l	95,0 l	200,0 l	300,0 l	780,0 l
Basket dim. (LxWxH, mm):	510x300x230	460x310x120	570x370x400	720x520x500	950x650x160	1330x740x500
Tank dim. (LxWxH, mm):	530x320x230	500x330x350	600x400x400	750x550x500	1000x695x480	1400x800x700
Discharge valve:	YES, 1"	YES, 1"	YES, 1"	YES, 1"	YES, 1"	YES, 1"
Wheels:	YES	YES	YES	YES	NO	NO
Pneumatic:				X	X	X
Filter:			X	X	X	X
Oil skimmer:			X	X	X	X

HOME SERIES:

ASonic **HOME series** is intended primarily for domestic use. In addition to home use, this models are suitable to clean **jewelry, watches, eyeglasses, dentures, metal items** like **coins, silverware, razors, small tools**, and even **firearms** can be cleaned using an ultrasonic cleaner, **electronic components** such as **circuit boards, small electronic parts, and connectorsinstruments, nozzles, valves and so on...**



ASonic HOME 750



ASonic HOME 2500



ASonic HOME 450



ASonic HOME 650



ASonic HOME 1400

Model:	HOME-450	HOME-650	HOME-750	HOME-1400	HOME-2500
Ultrasonic power:	20 W	35 W	50 W	60 W	70 W
Frequency:	40 kHz	40 kHz	42 kHz	40 kHz	40 kHz
Timer:	3 min	1-5 min	1-5 min	1-5 min	1-8 min
Temperature:	-	-	-	-	65°C
Tank volume:	0,45 l	0,65 l	0,75 l	1,4 l	2,5 l
Basket dim. (LxWxH, mm):	-	140x75x63	144x120x40	160x130x65	240x135x75
Tank dim. (LxWxH, mm):	168x79x42	160x85x65	150x126x40	170x140x70	245x140x75

CLEANING CONCENTRATES

ASonic **Ultrasonic cleaning concentrates** and cleaning solutions, are specially formulated liquids that are used in conjunction with ultrasonic cleaners to enhance the cleaning process. These concentrates are designed to maximize the effectiveness of ultrasonic cleaning by improving the removal of dirt, oils, grease, and other contaminants from objects. Ultrasonic cleaning solutions are available in 1, 5 or 25 litre canisters.



Cleaner:	Type of impurity	Cleaning material	Dilution %	Recommended temp.
AS-MLP	Grease, Oxidation, carbon, lubricants	Iron, copper, tin, stainless steel	2%	40-60°C
AS-GEN	General soiling oxidation, carbon, grease	Iron, copper, tin, aluminium, stainless steel	5%	40-60°C
AS-METAL	General soiling, carbon, grease	Brass, aluminium and other sensitive metals	4%	40-50°C
AS-METALECO	General soiling, carbon, grease	Brass, aluminium and other sensitive metals	2%	40-50°C
AS-METALPLAST	General soiling, carbon, grease, calcium carbonate	Iron, copper, tin, aluminium and stainless steel, non-ferrous metals	2-10%	30-80°C
AS-CARB	Carbon, grease and oxidation	Brass, aluminium and other sensitive metals	4%	50-60°C
AS-SENS	Grease, carbon and general soiling	Brass, aluminium and other sensitive metals	4%	50-60°C
AS-OXI	Oxidation, carbon, grease	Iron, copper, tin, aluminium and stainless steel	4%	40-60°C
AS-CALC	Limescale, calcium carbonate	Iron, copper, tin, aluminium and stainless steel, brass	10%	30-35°C
AS-PCB	Flux from soldering, deposits after water damage, oxidation, dirt	Sensitive materials	4%	50-60°C
AS-JEW	Oxidation, fingerprints, grease, general soiling	Sensitive and precious metals	4%	20-60°C
AS-OPT	General impurities, fingerprints, greases, oils, waxes, oxidation	Optical lenses and glass	2%	40-60°C
AS-UCP	Dirt, grease, oils, stuck or dried blood, tissue residues	Surgical instruments, glassware and other hard surfaces	25g 5L	20-70°C
AS-BIOX	Microorganisms, mold	Breathing masks, respirators, textile, chrome, copper, brass, aluminium	100%	50°C

Asonic distribution:

Romania | Hungary | Spain | Italy | Slovenia | Croatia | Serbia | Estonia
Bulgaria | Bosnia | Latvia | Chile | Sweden | Montenegro | Kosovo | Vietnam



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