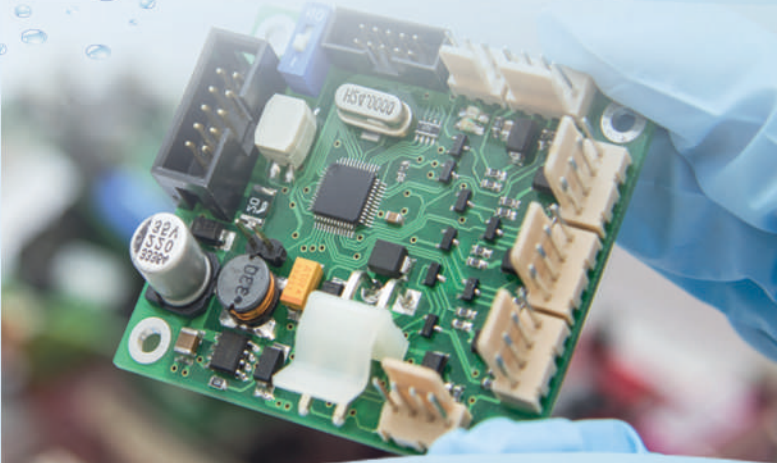


# **ASONIC**

Ultrasonic cleaning

## **Infinite cleaning possibilities**





## 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:

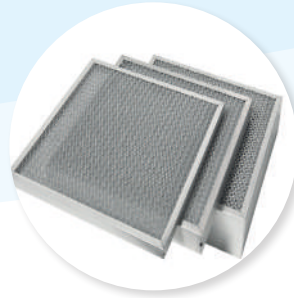
### Jewelry:

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.

# SECTORS



## Manufacturing and Industrial Cleaning:

### **Plastic industry:**

for maintenance and repair of extruder and injection machine equipment.

### **Metal processing:**

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

### **Heavy Industry:**

for maintenance 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.

# ULTRASONIC 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.



All cleaning agents are made in a concentrated form and are **diluted in a ratio of 2-10% depending on the solution.**

| ACTIVITY / INDUSTRY:              | CLEANING MATERIALS:                                                                       | CLEANING SOLUTION:        |
|-----------------------------------|-------------------------------------------------------------------------------------------|---------------------------|
| AUTOMOTIVE PARTS                  | Transmission, brake parts, radiators, heat exchangers, filters and other                  | AS-GEN, AS-MLP, AS-METAL  |
| CARBURETORS and ALUMINIUM PARTS   | Carburetors, fuel injectors etc.                                                          | AS-CARB, AS-METAL, AS-GEN |
| PRECISION MACHINERY PARTS         | Small gears, bearings, and other intricate machine components                             | AS-SENS, AS-METAL         |
| INDUSTRIAL TOOLS                  | Hand tools, cutting tools and molds                                                       | AS-GEN, AS-MLP            |
| ELECTRONICS                       | Circuit boards, PCBs, and electronic components                                           | AS-PCB                    |
| CALCIUM DEPOSITS                  | Removing calcium from a variety of surfaces, including glass, metal, ceramics             | AS-CALC                   |
| ECOLOGICAL CLEANING               | Automotive and other metal parts:                                                         | AS-METALECO               |
| PASSIVATION AND CLEANING          | Brass, cooper, tin, aluminium, stainlrss steel, non-ferrosus metals                       | AS-METALPASS              |
| FIREARMS                          | Gun parts, including barrels, triggers, and magazines                                     | AS-CARB, AS-METAL         |
| JEWELRY                           | Gemstone pieces, metal watch bands, coins and collectibles                                | AS-JEW                    |
| DENTAL and MEDICAL INSTRUMENTS    | Beakers, test tubes, scientific equipment, tattoo needles, piercing jewelry and equipment | AS-UCP                    |
| PERSONAL CARE ITEMS               | Razors, dentures and other                                                                | AS-UCP                    |
| EYEGLASSES and OPTICAL COMPONENTS | Lenses, frames, microscope slides and telescope lenses                                    | AS-OPT                    |

**ASONIC**

# 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 fields of activities including healthcare, electronics, manufacturing, automotive, and more.



ASonic PRO-30



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.

**PRO SERIES** models are suitable for use up to 90 min a day.



ASonic PRO-08



ASonic PRO-20



ASonic PRO-50



ASonic PRO-70



| 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       | 2,5 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         |

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.

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-100



ASonic PRO-150



ASonic PRO-300



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

# INDUSTRIAL SERIES:

**ASONIC industrial ultrasonic cleaner** is a powerful and robust cleaning device designed for **heavyduty cleaning applications** in industrial settings. These cleaners are specifcally designed for more demanding use as they have welded tanks and industrial transducers.



ASonic IND-300XL



The **IND series** allows you to adjust the ultrasound power. It is suitable for use up to 8 hours a day.



ASonic IND-300



ASonic IND-30



ASonic IND-40



ASonic IND-80



ASonic IND-130



ASonic IND-180



| Model:                   | IND-30      | IND-40      | IND-80      | IND-130     | IND-180     | IND-300     | IND-300XL   |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Ultrasonic power:        | 240 W       | 360 W       | 480 W       | 720 W       | 960 W       | 1440 W      | 700 W       |
| Frequency 28 kHz:        |             |             |             |             |             |             | Yes         |
| Frequency 40 kHz:        | Yes         | Yes         | Yes         | Yes         | Yes         | Yes         | Yes         |
| Number of transducers:   | 2           | 3           | 4           | 6           | 8           | 12          | 10          |
| Timer:                   | 1min - 9h   | 1min - 9h   | 1min - 9h   | 1min - 9h   | 1min - 9h   | 1min - 9h   | 1min - 9h   |
| Temperature:             | 80°C        | 80°C        | 80°C        | 80°C        | 80°C        | 80°C        | 80°C        |
| Tank volume:             | 3,0 l       | 4,0 l       | 8,0 l       | 13,0 l      | 18,0 l      | 30,0 l      | 29,0 l      |
| Basket dim. (LxWxH, mm): | 155x130x80  | 230x130x80  | 280x135x100 | 210x270x100 | 270x295x90  | 460x265x140 | 890x190x115 |
| Tank dim. (LxWxH, mm):   | 150x140x120 | 240x140x120 | 300x150x180 | 300x240x180 | 330x300x180 | 500x300x200 | 900x205x160 |
| Discharge valve:         | No          | No          | Yes         | Yes         | Yes         | Yes         | Yes         |
| Wheels:                  | No          | No          | No          | No          | No          | No          | Yes         |

Our industrial ultrasonic cleaners are available in a range of sizes and capacities to accommodate large or bulky items **capacities from 3 to 300 liters**. IND SERIES offer customization options such as adjustable power, frequency settings, cleaning time, and temperature control, allowing for precise cleaning according to specific requirements.

The **IND SERIES** allows **CUSTOM MADE** execution according to the customer's requirements.



ASONIC IND-2000  
(Pneumatic, Oil-skimmer, Filter)



ASONIC IND-600



ASONIC IND-400



ASONIC IND-1000



ASONIC IND-3000



ASONIC IND-7800



| Model:                   | IND-400     | IND-600     | IND-1000    | IND-2000    | IND-3000     | IND-7800     |
|--------------------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Ultrasonic power:        | 720 W       | 1080 W      | 1440 W      | 2520 W      | 3600 W       | 9360 W       |
| Frequency 28 kHz:        | Yes         | Yes         | Yes         | Yes         | Yes          | Yes          |
| Frequency 40 kHz:        | Yes         | Yes         |             |             |              |              |
| Number of transducers:   | 12          | 18          | 24          | 42          | 60           | 156          |
| 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         | Yes          | No           |
| Pneumatic:               |             |             | Option      | Option      | Option       | Option       |
| Filter:                  |             |             | Option      | Option      | Option       | Option       |
| Oil skimmer:             |             |             | Option      | Option      | Option       | Option       |

**ASONIC**

# PRO S

## SERIES:

### with degas function



ASonic PRO-100SP

**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.

**PROS SERIES** are intended for use up to 90 min a day.



ASonic PRO-70S



ASonic PRO-100S



ASonic PRO-150S



ASonic PRO-300S



| Model:                   | PRO-70S     | PRO-100S        | PRO-100SP   | PRO-150S    | PRO-300S    |
|--------------------------|-------------|-----------------|-------------|-------------|-------------|
| Ultrasonic power:        | 240 W       | 240 W           | 240 W       | 360 W       | 600 W       |
| Frequency:               | 40 kHz      | 40 kHz          | 40 kHz      | 40 kHz      | 40 kHz      |
| Number of transducers:   | 4           | 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):   | 300x155x150 | 270x220x110     | 300x240x150 | 320x300x150 | 500x300x200 |
| Discharge valve:         | Yes         | Yes             | Yes         | Yes         | Yes         |

# HOME SERIES:

ASonic **HOME series** is intended primarily for domestic use for up to 20 min a day. 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 **frearms** can be cleaned using an ultrasonic cleaner, **electronic components** such as **circuit boards, small electronic parts, and connectors** instruments, 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:               | 42 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 | 240x138x80 |
| Tank dim. (LxWxH, mm):   | 168x79x42 | 160x85x65 | 150x126x40 | 170x140x60 | 245x150x70 |

## Asonic distribution:

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



# ASONIC

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