

A Sonic *ultrasonic cleaners*

ULTRASONIC CLEANING
is fast, efficient and effortless!



Ultrasonic cleaners are used to clean various solid objects immersed in a container with fluid exposed to ultrasonic waves. These waves lead to formation of microscopically small bubbles in the fluid which implode due to a change in pressure, thereby releasing energy that removes impurities from the surface of objects.

Due to their small size, these bubbles can go into all cavities, pores, perforations, cracks, wells of the object from which impurities such as dust, dirt, oil, pigments, rust, fats, algae, bacteria, blood, wax and similar dirt can be removed. In the ultrasonic bath we can clean various metals, plastics, glass, ceramics and rubber. Distilled water or a solution of special concentrates for ultrasonic cleaning may be used for cleaning in the tank.

Ultrasonic cleaners can be used in the household to clean personal items. They are also used in mechanical workshops, for cleaning car parts, electronic components, jewelry, optics and various medical devices.



ASonic *ultrasonic cleaners*

TECHNICAL SPECIFICATION: ASonic HOME ultrasonic cleaners



ASonic HOME series is intended primarily for domestic use, and if their capacity and power meet the requirements for cleaning smaller items, such as jewellery, watches, eyeglasses, dentures, coins, instruments, tools, nozzles, valves etc.

Tanks of these ultrasonic cleaners are made from a single piece of stainless steel (SUS304). Each ultrasonic cleaner comes with appropriate cover, cleaning basket and power cord.

Model:	HOME 750	HOME 2500
Ultrasonic power:	50 W	70 W
Frequency:	42 kHz	40 kHz
Number of transducers:	1	1
Timer:	1-5 min	1-8 min
Temperature:	-	65 °C
Heater power:	-	100 W
Tank volume:	0,75 l	2,5 l
Tank thickness:	0.8 mm	1 mm
Basket dimensions (LxWxH, mm):	144x120x40	240x138x80
Tank dimensions (LxWxH, mm):	150x126x40	246x150x70
Unit dimensions (LxWxH, mm):	200x165x120	290x210x180
Package dimensions (LxWxH, mm):	253x221x145	325x246x207
Discharge valve:	NO	NO
Power plug:	Type C (230V, 50Hz)	Type F (230V, 50Hz)
Neto weight:	0,95 kg	2,70 kg

Asonic *ultrasonic cleaners*

TECHNICAL SPECIFICATION: Asonic PRO ultrasonic cleaners



Ultrasonic cleaners in Asonic PRO series are the best choice for advanced users who demand thorough cleaning, possible only by separate adjustment of ultrasound timer and heating temperature. Each ultrasonic cleaner comes with appropriate cover, cleaning basket and power cord.

Model:	PRO08	PRO 20	PRO 30	PRO 50	PRO 70	PRO 100
Ultrasonic power:	35 W	60 W	120 W	120 W	180 W	240 W
Frequency:	40KHZ	40 kHz	40 kHz	40 kHz	40 kHz	40 kHz
Number of transducers:	1	1	2	2	3	4
Timer:	1 - 99 min	1 - 99 min	1 - 99 min	1 - 99 min	1 - 99 min	1 - 99 min
Temperature:	-	80 °C	80 °C	80 °C	80 °C	80 °C
Heater power:	-	100 W	100 W	100 W	300 W	300 W
Tank volume:	0,8 l	2,0 l	3,0 l	5,0 l	7,0 l	10,0 l
Tank thickness:	0,8 mm	1 mm	1 mm	1 mm	1 mm	1 mm
Basket dimensions (LxWxH, mm):	140x70x45	140x120x70	220x130x75	270x145x75	270x145x110	270x220x110
Tank dimensions (LxWxH, mm):	150x90x60	150x137x105	235x135x105	300x150x100	300x150x150	300x240x150
Unit dimensions (LxWxH, mm):	185x115x125	175x165x235	265x165x235	265x175x245	330x175x320	325x270x310
Package dimensions (LxWxH, mm):	220x165x165	245x245x315	335x250x330	400x250x320	430x275x390	425x340x400
Discharge valve:	NO	NO	NO	NO	YES	YES
Power plug:	Type F (230V, 50Hz)	Type F (230V, 50Hz)	Type F (230V, 50Hz)	Type F (230V, 50Hz)	Type F (230V, 50Hz)	Type F (230V, 50Hz)
Neto weight:	1 kg	2,4 kg	3,4 kg	4 kg	5,7 kg	7,5 kg

ASonic *ultrasonic cleaners*

TECHNICAL SPECIFICATION: ASonic PRO ultrasonic cleaners



Ultrasonic cleaners in ASonic PRO series are the best choice for advanced users who demand thorough cleaning, possible only by separate adjustment of ultrasound timer and heating temperature. Each ultrasonic cleaner comes with appropriate cover, cleaning basket and power cord.

Model:	PRO 150	PRO 300	PRO 150-28kHz	PRO 300-28kHz
Ultrasonic power:	360 W	600 W	360 W	600 W
Frequency:	40 kHz	40 kHz	28 kHz	28 kHz
Number of transducers:	6	10	6	10
Timer:	1 - 99 min	1 - 99 min	1 - 99 min	1 - 99 min
Temperature:	80 °C	80 °C	80 °C	80 °C
Heater power:	500 W	500 W	500 W	500 W
Tank volume:	15,0 l	30,0 l	15,0 l	30,0 l
Tank thickness:	1 mm	1 mm	1 mm	1 mm
Basket dimensions (LxWxH, mm):	300x280x115	470x280x125	300x280x115	470x280x125
Tank dimensions (LxWxH, mm):	320x300x150	500x300x200	320x300x150	500x300x200
Unit dimensions (LxWxH, mm):	355x325x325	530x330x380	355x325x325	530x330x380
Package dimensions (LxWxH, mm):	450x400x400	660x430x455	450x400x400	660x430x455
Discharge valve:	YES	YES	YES	YES
Power plug:	Type F (230V, 50Hz)	Type F (230V, 50Hz)	Type F (230V, 50Hz)	Type F (230V, 50Hz)
Neto weight:	9,6 kg	16,6 kg	9,6 kg	16,6 kg

A Sonic *ultrasonic cleaners*

TECHNICAL SPECIFICATION: ASonic PRO S ultrasonic cleaners



ASonic PRO S series is an upgrade of the PRO series. It has a “Degas” function which pulls out the air from the liquid making cleaning even more efficient.

Each ultrasonic cleaner comes with appropriate cover, cleaning basket and power cord.

Model:	PRO 70S	PRO 100S	PRO 150S	PRO 300S
Ultrasonic power:	240 W	360 W	360 W	720 W
Frequency:	40 kHz	40 kHz	40 kHz	40 kHz
Number of transducers:	6	6	6	10
Timer:	1 - 99 min	1 - 99 min	1 - 99 min	1 - 99 min
Temperature:	80 °C	80 °C	80 °C	80 °C
Heater power:	300 W	300 W	500 W	800 W
Tank volume:	7,0 l	10,0 l	15,0 l	30,0 l
Tank thickness:	1 mm	1 mm	1 mm	1 mm
Basket dimensions (LxWxH, mm):	270x145x110	270x220x120	300x280x115	470x280x125
Tank dimensions (LxWxH, mm):	300x150x150	300x240x150	320x300x150	500x300x200
Unit dimensions (LxWxH, mm):	330x175x320	325x270x310	355x325x325	530x330x380
Package dimensions (LxWxH, mm):	430x275x390	425x340x400	450x400x400	660x430x455
Discharge valve:	YES	YES	YES	YES
Power plug:	Type F (230V, 50Hz)	Type F (230V, 50Hz)	Type F (230V, 50Hz)	Type F (230V, 50Hz)
Neto weight:	5,7 kg	7,5 kg	9,6 kg	16,6 kg

ASonic *ultrasonic cleaners*



TECHNICAL SPECIFICATION: ASonic PRO MF ultrasonic cleaners

Ultrasonic cleaners in ASonic PRO MF (Multi Frequency) series are made especially for users who need cleaning of both delicate and robust items, and thus need to select cleaning frequency accordingly.

Each ultrasonic cleaner comes with appropriate cover, cleaning basket and power cord.

Model:	PRO 150MF	PRO 300MF
Ultrasonic power:	360 W	600 W
Frequency:	40 / 80 / 120 kHz	40 / 80 / 120 kHz
Number of transducers:	6	10
Timer:	1-30 min	1-30 min
Temperature:	80 °C	80 °C
Heater power:	400 W	400 W
Tank volume:	15,0 l	30,0 l
Tank thickness:	1 mm	1 mm
Basket dimensions (LxWxH, mm):	300x270x110	465x370x120
Tank dimensions (LxWxH, mm):	328x295x150	497x292x193
Unit dimensions (LxWxH, mm):	355x320x318	520x318x385
Package dimensions (LxWxH, mm):	475x443x420	655x460x480
Discharge valve:	YES	YES
Power plug:	Type F (230V, 50Hz)	Type F (230V, 50Hz)
Neto weight:	10,7 kg	15,0 kg

ASonic *ultrasonic cleaners*

TECHNICAL SPECIFICATION: ASonic PROMED SUS316L ultrasonic cleaners



Ultrasonic cleaners in ASonic PROMED SUS316L series are made for dental and medical laboratories. The unit is made out of special material and has separate adjustment of ultrasound timer and heating temperature.

Each ultrasonic cleaner comes with SUS316L tank, cover, cleaning basket, discharge valve and power cord.

Model:	PROMED 300-SUS316L 40kHz	PROMED 300-SUS316L 28kHz
Unit material	SUS316L	SUS316L
Ultrasonic power:	600 W	600 W
Frequency:	40 kHz	28 kHz
Number of transducers:	10	10
Timer:	1-99 min	1-99 min
Temperature:	80 °C	80 °C
Heater power:	500 W	500 W
Tank volume:	30,0 l	30,0 l
Tank thickness:	2 mm (SUS316L)	2 mm (SUS316L)
Basket dimensions (LxWxH, mm):	470x280x110, handle 160; max-load 50kg (SUS316L)	470x280x110, handle 160; max-load 50kg (SUS316L)
Tank dimensions (LxWxH, mm):	490x290x195	490x290x195
Unit dimensions (LxWxH, mm):	520x320x400 valve 60	520x320x400 valve 60
Package dimensions (LxWxH, mm):	550x350x420	550x350x420
Discharge valve:	YES 3/4 (SUS316L)	YES 3/4 (SUS316L)
Power plug:	Type F (230V, 50Hz)	Type F (230V, 50Hz)
Neto weight:	18,3 kg	18,3 kg

ASonic *ultrasonic cleaners*

TECHNICAL SPECIFICATION: ASonic PRO large capacity 28kHz ultrasonic cleaners



Generator with display (time, power, temp.) is built into the body of the ultrasonic cleaner. Some units have wheels on bottom and are easily movable, while other units have fixed legs. Tank has 10 - 20 mm insulation on the inside, to reduce heat loss in the tank and overheating inside of the unit.

Quality stainless steel (SUS 304) tanks are 2–2,5 mm thick and they provide for long lifetime of the ultrasonic cleaners. Seamless panel housing is important as it prevents water leakage and moisture from access to electronics on the inside. Screw welding technology for ultrasonic transducers ensures smooth bottom of the tank, thus improving cavitation and reducing corrosion of tank. Cleaners are equipped with industrial high Q transducers which ensure powerful cavitation effect. Ultrasonic transducers are activated by independent excitation ultrasonic generator (PWM control), which has passed 4200V HV test and HV isolation test, therefore enabling cleaners to work with stable ultrasonic effect and run safely. Each ultrasonic cleaner comes with appropriate cover and cleaning basket.

Large capacity ASonic ultrasonic cleaners are 100% made in EU and are proud product of Slovenia.

Model:	PRO 570	PRO 960	PRO 2060	PRO 3000
Ultrasonic power:	1080 W	1440 W	2520 W	3600 W
Frequency:	28 kHz	28 kHz	28 kHz	28 kHz
Number of transducers:	18	24	42	60
Timer:	1min - 9h	1min - 9h	1min - 9h	1min - 9h
Temperature:	80 °C	80 °C	80 °C	80 °C
Heater power:	1500 W	3000 W	6000 W	9000 W
Tank volume:	57,0 l	96,0 l	206,0 l	300,0 l
Tank thickness:	2 mm	2 mm	2,5 mm	2,5 mm
Basket dimensions (LxWxH, mm):	460x310x120 handle 310 / max. load 40kg	560x340x120 handle 360 / max. load 60kg	710x510x150 handle 460 max. load 80kg	950x650x160 handle 460 max. load 150 kg
Tank dimensions (LxWxH, mm):	500x330x350	600x400x410	760x560x520	1160x860x910
Unit dimensions (LxWxH, mm):	660x490x750 valve 80	760x560x800 valve 80	920x720x930 valve 80	1180x775x810
Discharge valve:	YES, 1"	YES, 1"	YES, 1"	YES, 1"
Wheels	YES	YES	NO	NO
Power plug:	IEC309/IEC60309 (230V, 50Hz)	IEC309/IEC60309 (230V, 50Hz)	IEC309/IEC60309 (230V, 50Hz)	IEC309/IEC60309 (230V, 50Hz)
Neto weight:	53,0 kg	90,0 kg	145,0 kg	180,0 kg

ASonic *ultrasonic cleaners*

ASonic cleaning concentrates for use in ultrasonic cleaners



ASonic cleaning concentrates are specially designed for use in ultrasonic cleaners. They help dissolve impurities and improve wetting of the items that are being cleaned, thus making the cleaning process faster and more efficient.

It is needed to dilute these concentrates with water and heat up the dilution before cleaning. After cleaning it is mandatory to rinse the items with clean water for the best results.

Cleaner	Type of impurity	Cleaning material	Dilution percentage	Recommended temperature
AS-MLP	Oil, grease, dust, general impurities	Metals, alloys, plastics, rubber, ceramic or glass components	2%	40-60 °C
AS-GEN	Oil, grease, dust, general impurities	Metals, alloys, plastics, rubber, ceramic or glass components	5%	40-60 °C
AS-CARB	Carbon, grease and general impurities	Carbons and engine parts from brass, aluminium and sensitive materials	10%	50-60 °C
AS-OXI	Oxidation, general impurities, carbon and grease	Iron, copper, tin, aluminium and stainless steel	10%	40-50 °C
AS-SENS	Oil, fats, lubricants, grease in general impurities	Brass, aluminium, tin and different alloys	10%	40-60 °C
AS-PCB	Flux contamination	PCB, brass, copper, alluminium and sensitive materials	10%	50-60 °C
AS-JEW	Oxidation, fingerprints, carbon, grease	Jewelry and precious stones	10%	20-60 °C
AS-OPT	General impurities, fingerprints, greases, oils, waxes, oxidation	Optical lenses and glass	10%	50-60 °C
AS-BIOX	Grease, oil, oxygen contamination	Chrome, textile, iron steel, copper, brass and aluminium objects	10%	40-60 °C
AS-ENZ	Protein residues, fatty deposits, dried blood and other organic materials	Stainless steel, metals, glass and plastic	10%	20-60 °C
AS-UCP	General impurities, dried blood, tissue residues, oxidation	Glassware and hard surfaces	1 kom. 5L	20-60 °C

Ultrasonic cleaning concentrates are available in 1, 5 and 25 litre canisters.