FinnSonic

INDUSTRIAL CLEANING SYSTEMS

m-Range
Ultrasonic cleaning
m03, m08, m20, m40 and m80

- **Effective**
- **Very fast**
- **Environmentally friendly**
- **Low energy and wash liquid consumption**
- **Removes dirt in places where other methods have proven ineffective**

We are extremely flexible - except about quality

The efficiency of ultrasonic washing is based on high-frequency sound vibrations, which cause strong cavitation in liquid. Microscopic cavitation bubbles implode on the surface of a workpiece removing soils, grease and other contaminants fast and effectively.

Finnsonic – the expert in ultrasonic technology – is a widely known Quality Brand. These products are designed for professionals, with fast delivery time and reliable after sales service.

The Finnsonic m-Range offers you the right tools for precision cleaning.

- Laboratories, optical and pharmaceutical industry, dentists, hospitals
- Graphics and jewellery industry
- Precision mechanics hydraulics, vehicle repair
- Process, electronics and food industry

Set values for temperature and time can be saved as new values, except for model m03m.

Small size, great in power

Special attention has been paid to effectiveness, technical features, user friendliness and design. Stainless steel ultrasonic appliances have rounded corners. They are easy to service and maintain clean.

m40 and m80 appliances are protected against dry run. Heating and ultrasonic functions are switched off automatically in case the liquid level gets too low.

Additional features in ultrasonic appliance m80 for increased cleaning effect.

- Booster – periodical ultrasonic surge
- Sweep – ultrasonic frequency sweep

Additional fittings: Wash baskets, glass beakers, rinse tanks, platforms.

Use the ultrasonic cleaner effectively!

Tank size
Even the smallest ultrasonic tank has a good washing effect. The liquid volume in the tank should be at least three times the weight of the work pieces.

Washing chemicals
Detergent reduces surface tension in water thus intensifying ultrasonic cavitation. Detergent also dissolves and binds in liquid the dirt which has been loosened by ultrasonics. Only a few per cent of detergent is needed.

Temperature
Heating the wash liquid intensifies the cleaning process significantly.

Treatment time
Ultrasonic cleaning is fast. Typical cleaning times vary from 30 s to 5 min.

Technical data

	m03m	m03/m03V	m08	m20	m40	m80
Tank volume l	2,7	2,7	7,5	19,5	40	80
External dimensions mm	270x165x225	270x165x225	330x270x290	530x330x335	640x390x540	760x460x720
Internal dimensions mm	240x135x100	240x135x100	300x240x150	500x300x150	475x265x300	600x330x400
Wash basket dimensions mm	200x110x75	200x110x75	250x195x125	475x260x125	420x225x225	540x290x340
Ultrasonic power W	100	100	200	300	600	1200
Ultrasonic frequency kHz	40	40	40	30*)	30*)	30*)
Heating power W	-	150	600	900	1500	2000
Electric connection power V/Hz	230/50	230/50	230/50	230/50	230/50	230/50
Drain valve	No	No/R 1/4	R 1/4	R 1/2	R 3/4	R 3/4
Connecting power W	150	250	800	1200	2100	3200
Weight kg	4,5	4,5	8	14	34	56

*) Available also at 40 kHz

Worth your confidence

2/06 Specifications subject to change

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