

Amsonic TTC

Compact Ultrasonic Cleaner

Effective water-based Industrial Cleaning

The new Amsonic TTC is suitable for removing a large variety of soils, for example flux from printed circuit boards, oils, greases or polishing compound from mechanical parts, or in general for maintenance cleaning.

Being attractively priced, the cleaner is well suited for companies that through new environmental legislation can no longer use solvents for cleaning purposes.

However, this unit is an interesting proposition for those who wish to switch over from brush cleaning or high pressure spraying to far more effective ultrasonic cleaning. The Amsonic TTC is the environmentally compatible and low cost alternative to existing two- and three-stage vapour degreasers for CFC's and 1-1-1 trichloroethane.

Space-saving and Compact

Because of its compact overall dimensions, the cleaner can be easily installed on a workbench.

Practical Concept

- The Ultrasonic cleaning tank is provided with electric heating to enhance its performance.
- Cascade (counterflow) rinsing in (for example) demineralised water, significantly lowers rinse water consumption for the same rinse quality.
- Electrically heated hot-air dryer for effective drying.
- Process monitoring with digital display guarantees simple, safe and ergonomic operation.
- Complies with safety standard EN-60204/1

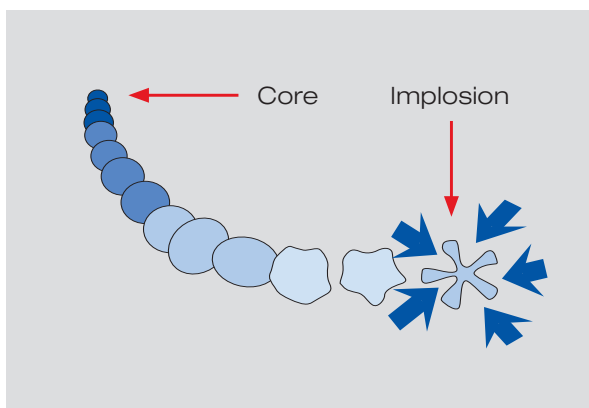
Useful Accessories

- Available with separate rinse tanks, if pre-rinsing with tap water and final rinsing with demineralised water is required.

- Ultrasonic in the first rinse tank, selector switch to connect the ultrasonic generator either with the cleaning tank or with the first rinse tank.
- Spray under immersion can be added to the first rinse tank and/or the cleaning tank (instead of ultrasonics) With this option liquid is circulated through a filter.
- Separate process unit for water demineralisation.

Why Ultrasonic Cleaning is so effective?

In ultrasonic cleaning, sound waves propagate through the cleaning liquid. Consequently millions of microscopic bubbles are formed, which first increase in size and then implode. Being so small, the tiny bubbles penetrate every part of the item to be cleaned, even reaching soil that is inaccessible for other cleaning methods. The implosions remove the soil from the surface. The result is optimal cleaning of the part in a minimum of time.



Technical Specifications

Dimensions

Working dimensions tanks	250 x 300 x 250mm (WxDxH)
Overall dimensions	1315 x 510 x 475mm (WxDxH)
Empty weight	75 kg

Ultrasonic

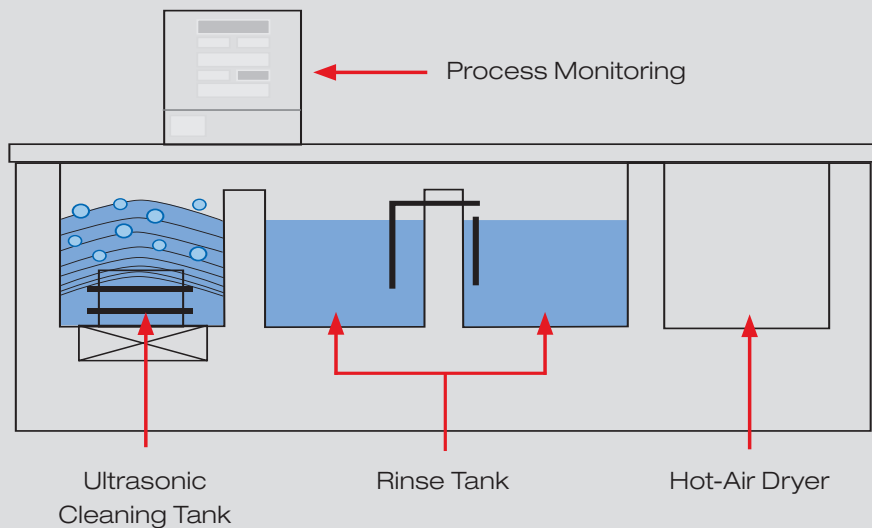
RF power	500 W
Number of transducers	6
Frequency	40 kHz

Electric heating

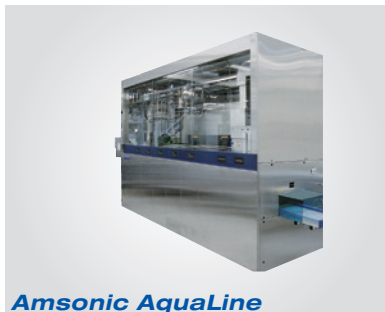
Ultrasonic cleaning tank	0,8 kW
Dryer	2 kW
Power requirement 230V/1N+PE	3,5 kW
Liquid capacity per tank	19 litres

The system includes 4 stages

- Ultrasonic cleaning stage
- Two rinse stages in cascade
- Single stage hot air dryer



Your centre of competence for precision cleaning



Amsonic AquaLine

Hamo/Amsonic offers a wide range of water-based and closed circuit A3 solvent based cleaning units that provide thorough cleaning processes for various industrial sectors:

Water-Based Precision Cleaning Equipment (Ultrasonic)

Amsonic AquaLine / ModuLine

High performance-Ultrasonic-Precision-Cleaning equipment



Hamo 210

Water-Based Spray Cleaning systems

Hamo 210 / 420 / 840

Spray-cleaning and drying equipment for life sciences- and medical-devices applications



Hamo PG 800

Pharma-Conform Spray Cleaning systems (cGMP)

Hamo PG 800 / 1300

Pharma-Conform (cGMP) Cleaning equipment in single or double door execution (Bio Seal)

Amsonic Hamo HPM

High pressure cleaning systems (>80 bar) for pharmaceutical application



Amsonic 400 R

Solvent-Based Precision Cleaning Equipment

Amsonic 400 R Serie

Solvent-based Ultrasonic equipment (Class A3) Cleaning under vacuum, above or below flash point

Detergents / Additives

Amsonic PreciClean / Hamo liquid

Water based detergents



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