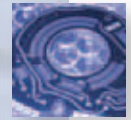


**Amsonic**  
*Precision Cleaning*



## *Amsonic FlexLine*

*Water-based, modular  
ultrasonic batch cleaning system*



*Space-saving and easily assembled*

## *Amsonic FlexLine*



FlexLine is a water-based, modular ultrasonic batch cleaning system. Units can be added to or removed from the system flexibly to meet your precise cleaning requirements. Designed to be easily assembled, FlexLine allows versatility in process customisation for all your needs. It also

offers exceptional value for money while remaining a customized solution. The user can retrofit additional modules to keep up with the various cleaning demands, thus creating the complete batch cleaning system.

### *Layout*





## Features

- Lower investment cost through standardisation
- Optional number of modules for flexible process customisation
- User-friendly operation with keys and display
- Quick and easy installation; easy start-up
- External heater with temperature control 30 – 80 °C
- Basket holder
- One-sided overflow and skimming box
- Water level sensor
- Manual filling and drain valve
- Drip pan beneath the tanks
- Recirculating air dryer with adjustable working temperature up to 100°C operation
- Centrifugal blower for efficient drying

## Options

- Trolley / robot (15 kg)
- Ultrasonic 25kHz or 40 kHz with timer
- Agitation of goods to clean
- Bath filtration with pressure monitoring
- Flow meter
- Conductometry in last rinsing module
- pH meter
- Automatic tank filling



## Technical data

Overall size W / L / H	
Wash/rinse unit	570 x 1280 x 850 mm
Dryer unit FlexLine manual	570 x 1320 x 850 mm
Dryer unit FlexLine with robot	1320 x 720 x 850 mm
Electrical cabinet (from 2 units)	210 x 600 x 600 mm
Process tank size W / L / H	
Inside	300 x 400 x 300 mm
Payload	240 x 325 x 240 mm
Useable volume	40 liter
Line voltage	3 x 400 V / N / PE
Heat output in tanks	2000 W
Heat output in dryer	4500 W
Effective ultrasonic output	600 W
Maximum ultrasonic output	1200 W
Ultrasonic frequency	25 kHz or 40 kHz
Protection class	IP 55
Water supply	1"
Waste water	1¼"
Weight of module	100 – 150 kg
Material	
Tank	stainless steel 316L
Dryer unit	stainless steel 304L
Enclosure and tank cover	stainless steel 304L







## Your centre of competence for precision cleaning



**Amsonic AquaLine**

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

### Water-based precision cleaning systems

- **Amsonic CleanLine**  
High performance ultrasonic fine cleaning unit for precision parts of subcontracting industries
- **Amsonic AquaLine**  
Ultrasonic cleaning unit with a fully automatic transport system (robot/carriage)
- **Amsonic AquaJet 21**  
Spray cleaning and drying unit with process validation
- **Amsonic HandyClean**  
Ultrasonic cleaning unit with a fully automated lift / thrust system
- **Amsonic TTC & BC**  
Ultrasonic compact units, tabletop units



**Amsonic HandyClean**



**Amsonic 4000**

### Solvent based precision cleaning systems

- **Amsonic 4000**  
Solvent based ultrasonic cleaning unit (class A3)  
Cleaning under vacuum, below or above the flashpoint
- **Amsonic 4100**  
Solvent based ultrasonic cleaning unit (class A3)  
Cleaning under vacuum, above the flashpoint



**Amsonic Swash 4400**

### Combined precision cleaning systems

- **Amsonic Swash 4400**  
Water and solvent based ultrasonic cleaning unit (class A3)  
Cleaning under vacuum, above the flashpoint

### Detergents and additives

- **Amsonic PreciClean**  
Water-based detergents



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