

## Ultrasonic Cleaner / UA10MFDN



### Technology

The cavitation phenomenon consists of formation and growth of millions of microscopic bubbles under a low-pressure stage, produced into the ultrasonic bath due to a high-power transducer 37kHz. These bubbles break in all directions and attack every surface in contact with water, erasing dirt, impurities and pollutants when contacting with the materials or pieces into the bath. This phenomenon allows cleaning all kind of piece without need of disassembling, due to it is taking part in all surface in contact with the liquid. The heat allows accelerate this clearing process.

### Avant Series

- Entails all advantages of the Eco series
- LCD touch screen for simple and intuitive operation
- Features a digital timer with up to 199 min
- Working power adjustable between 40% and 100%
- Heating ability between 20°C and 80°C
- Comes with a tray and lid
- Stainless steel 304 tank and paint coated case, meet the requirements of antiseptic and hygienic lab environment

- Independent degas function
- Automatically save last parameters and recalled when unit is turned back on
- Non-slip feet and flexible surface contact for lower ultrasonic vibration
- Safety handles make unit portable
- Maintain ultrasonic efficiency at different temperatures
- Frequency overload and thermal protection

## Application Areas

- Laboratories: laboratory material, precision instruments, pipettes, sieves, etc.
- Medicine: instrumentation in general, surgical material, etc.
- Odontology: dental prosthesis, instrumentation, etc.
- Optics: instrumentation, optical, frames, etc.
- Industry: printed circuits, Electronic components, etc.
- Jewellery: watches, jewels, etc.
- Automation: Injector clearing.
- Degasification or liquid dissolution.
- Compact substances degermation

## Specifications

Model	UA10MFDN
Capacity(L)	10
Internal Size (L x W x H) mm	300×240×150
Overall Size (L x W x H) mm	383×267×305
Working Power (W)	Max.200(40-100% adjustable)
Heater Power (W)	270
Temp.(°C)	20~80
Frequency (Khz)	37
Timer (min)	1~199min
Drain	Yes

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