

## Ultrasonic Cleaner / UA06MFD



### 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                        | UA06MFDN                    |
| Capacity(L)                  | 6                           |
| Internal Size (L x W x H) mm | 300×150×150                 |
| Overall Size (L x W x H) mm  | 362×180×305                 |
| Working Power (W)            | Max.150(40-100% adjustable) |
| Heater Power (W)             | 170                         |
| Temp.(°C)                    | 20~80                       |
| Frequency (Khz)              | 37                          |
| Timer (min)                  | 1~199min                    |
| Drain                        | No                          |

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# CE Declaration of Conformity



**Manufacturer:**

Shinetek Instruments Research Institute  
Room 303, Hall C, Office Building M8, No.1 Jiuxiangqiao East Road,  
Chaoyang District, Beijing 100015, China

For the following equipment :

Description: Ultrasonic Cleaner

Brand Name: Wiggins

Model Number: UE03SFD, UE06SFD, UE10SFD, UE15SFD, UE22SFD, UA03MFD,  
UA06MFD, UA10MFD, UA22MFD

We hereby confirm that these products have already passed all the tests under European Electromagnetic Compatibility Directive, Low Voltage Directive, RoHS Directive standards as listed below as listed below:

EN 61326-1:2013

EN 61010-1:2010

EN 50581:2012

Therefore we declare that our products are in conformity with the European EMC 2014/30/EU, LVD 2014/35/EU, and RoHS 2011/65/EU and confirm that we are responsible for these products. The following company is responsible for this declaration:

Shinetek Instruments Research Institute

General Manager: Chengxiang Zhang

Place of Issue: Beijing

Date of Issue: November 10th, 2017

  
Chengxiang Zhang



| Specificații tehnice complete solicitate |   | Specificațiile tehnice complete ale producătorului |
|--|---|--|
| Descrierea                               | <b>BAIE CU ULTRASUNET</b><br>Cu temporizator digital, sistem de încălzire, monitorizare a temperaturii, și funcția degas. |  |
| Parametru                                | Specificatii  | Model UA06MFD                                      |
| Volum (Litri)                            | min 5l - max 9,5l.  | 6 L  |
| Rezervor din oțel inoxidabil cu capac    | Da  | da   |
| Voltaj                                   | 230 V / 50 Hz / până la 500 Watt  | 220 V±10% / 50 Hz                                  |
| Frecvența de ieșire                      | (Hz) 42000  | 37000 Hz   |
| Temperatura reglabilă                    | reglabilă   | reglabilă  |
| Diapazonul temperaturii                  | de la 20 până la 70 °C  | de la 20 până la 80 °C                             |
| Capac                                    | Da  | da   |
| Mânere                                   | Da  | da   |
| picioare antiderapante                   | Da  | da   |
| cabluri de alimentare                    | Da  | da   |
| Manuale de service                       | rusa/engleza  | engleza  |
| Manual de utilizare                      | romana  | -  |
| Termen de garanție                       | 24 luni   | 24 luni  |
| Anul de producere                        | 2018-2019   | 2019   |