

Industrial ultrasonic units with frequency change over

The UMF series Ultrasonic units are particular suited for cleaning spray dry nozzle and the separate parts because of the possibility to clean at a 25 kHz frequency and using the sweep mode for a perfect sound field distribution. The ultrasonic cleaning machines are available in several sizes and will be delivered complete with basket and Lid.



The UMF Cleaning machines are made in a robust quality, with ergonomic design and innovative technology.

- Two selectable frequencies
- Operating volume tank 4,7 liter model UMF5, 10,8 liter model UMF10 or 14,4 liter for model UMF15
- Tank dimensions W x D x H (cm.) 24 x 13 x 15, 30 x 24 x 15 oder 30 x 24 x 20
- Multi-frequency model with 25/45 kHz:
 - 25 kHz for intensive cleaning
 - 45 kHz for gentle cleaning
- Degas mode for the efficient degassing of the cleaning liquid
- Sweep mode for the perfect sound field distribution
- Variable ultrasonic power
- Transducer tanks made of special stainless steel, for powerful use and a long service life of the transducer tank
- Timer for ultrasonic activity, variable between 0 and 15 minutes and permanent operation
- Temperature control 30 – 80°C

Technical Data

Mains voltage	200-240V
Mains connection	1 Ph./1N/1 PE
Powerconsumption total (W)	500 UMF-5, 1000 UMF10, 1200 UMF 15
Ultrasonic power effective (W)	100 UMF5, 200 UMF10 and 15
Ultrasonic peak performance max.* (W)	400 UMF5, 800 UMF10 and 15
Heating (W)	400 UMF5, 800 UMF10 and 5x200 UMF15
Unit outer dimensions W/D/H (cm.)	34x30x37, 40x41x37 and 40x41x42
Weight	10,5, 14,8 and 17 Kilo
Drain	½"
Material tank	stainless steel
Material casing	stainless steel 1.4301
Protection class	IP21

* The signal form of the wave results in a factor 4 for the ultrasonic peak max., depending on the modulation of the wave