

ULTRASONIC  
**CLEANING SYSTEM**  
MedUSe 10-4AK

Technologie  
MADE IN SWITZERLAND

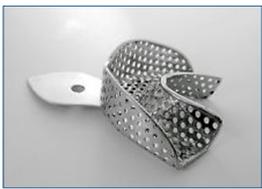


- › Ultrasonic cleaning technology
- › Spray cleaning technology
- › Process technology
- › Cleaning chemicals
- › Accessories
- › Special solutions



# ULTRASONIC CLEANING SYSTEM

## MedUSe 10-4AK



The MedUSe 10-4AK was developed by us after many years of experience and the intensive exchange with dentists and their needs especially for the dental field. It thus represents an innovative cleansing system of the top class for dental practice and fulfills the special requirements of hygiene for modern dental practice.

### System concept

The plant is a fully automated and closed multi-chamber system with automatic loading and unloading station and was designed as a table model according to the special cleaning and space requirements of a dental practice.

The dental instruments to be cleaned will pass through three separate cleaning chambers and one drying chamber, respectively, in baskets specially developed for the plant.

As a result, the system designed as a cleaning line is not only a person-specific, but also effectively prevents cross-contamination by the operator during the individual cleaning cycles due to the closed system.

### Operation - Control

The control and / or operation of the system is controlled by the PLC / HMI touch screen control and allows individual programming of various cleaning processes and programs.

For example, throughput times, disinfecting agent dosage, ultrasonic frequency, etc., can be flexibly programmed and adapted to the respective needs of the individual practices. In addition, the system has a validation system.

Technical data	MedUSe 10-4AK
Bath capacity (L)	10
Number of stations	4
Ultrasonic frequency (kHz)	34-120
Ultrasonic power effective (W)	1000
Ultrasonic power control (%)	10-100
Heating power (W)	1000
Mains (V) (Hz)	400/50-60
Display	4 inch
Loading/unloading system	fully automatic
Cabinet	optional with castors
Tank internal dimensions (BxTxH) (mm)	240x240x150
Tank external dimensions (BxTxH) (mm)	1600x600x500

Units: L = Litre, V = Volt, Hz = Hertz, kHz = Kilohertz, W = Watt  
WxDxH: B = Weidht, D = Depth, H = Height

### Cleaning process

The individual baskets first pass through the pre-cleaning bath, the preliminary cleaning being carried out by means of ultrasound irradiation and disinfecting means. In order to ensure a high degree of purity and disinfection, the main cleaning in bath two also takes place with ultrasonic curing and disinfecting agents. The cleaning by means of a circulating system in both baths is still considerably increased. The dosage of the disinfecting agent is ensured by an automatic dosage unit which ensures a constant cleaning quality. Finally, in bath three, a rinse of the instruments of any residual contamination as well as disinfectant residues are eliminated.

An optional water treatment system (which must be ordered additionally) ensures an ecological, water-free treatment for the dipping baths. The contaminated waste water can then be filtered, separated and expertly disposed of per basin. The plant also contains a hot-air drying system.

### Technology

- › modular design with ultrasonic technology
- › closed noise-reducing unit
- › fully automatic converter
- › automatic program control
- › dosing system for detergents
- › filtration and circulation
- › lacquered stainless steel housing

### Advantages

- › programmable and adjustable cleaning time and temperature
- › environmentally friendly
- › space-saving
- › easy installation
- › table model, can be used anywhere