

HIGH PERFORMANCE

# ULTRASONIC CLEANING SYSTEM

## MedUSe 10-3LK

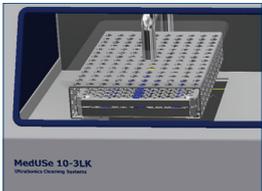
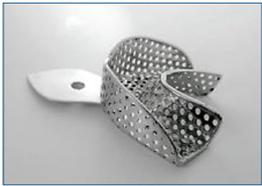
Technologie  
MADE IN SWITZERLAND



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



# HIGH PERFORMANCE ULTRASONIC CLEANING SYSTEM MedUse 10-3LK



The MedUse 10-3LK 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 semi-automated and closed multi-chamber system. The instrument basket is loaded manually 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 one high performance ultrasonic, rinsing 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.

## 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 one 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 two, a rinse of the instruments of any residual contamination as well as disinfectant residues are eliminated. Especially is the direct injection of the sterile medium into the instrument baskets. The plant also contains a hot-air drying system.

## Technology

- › modular design with ultrasonic technology
- › closed noise-reducing unit
- › 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
- › table model, can be used anywhere
- › Short cleaning and disinfecting process

Technical Data	MedUse 10-3MK	MedUse 10-3LK
Bath capacity (L)	10	10
Number of stations	3	3
Ultrasonic frequency (kHz)	30-120	30-120
Ultrasonic power effective (W)	1000	1000
Ultrasonic power control (%)	10-100	10-100
Heating power (W)	800	800
Display	4 Zoll	4 Zoll
Loading/unloading system	manually	Trays lift system
Mains (V) (Hz)	400/50-60	400/50-60
Cabinet	optional with castors	optional with castors
Tank internal dimensions (LxWxH) (mm)	200x300x100	200x300x100
Tank external dimensions (LxWxH) (mm)	200x300x100	200x300x100