stomdevice

Highea ultrasound tanks

The simple efficiency of ultrasound





mocom
STERILIZATION FIRST

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

Perfect in every detail.

Excellent performance and outstanding reliability, a device suitable for every possible washing requirement.

Advanced Highea ultrasound tanks, designed with the most modern technology and the very best materials: simplicity and efficiency for in-depth instrument cleaning.



01. Special oscillating tank
Made of cavitation-resistant stainless steel.

02. Lid
Suppresses noise and accelerates the heating process.

03. Handles
In extremely ergonomic plastic.

04. Stainless steel body
Hard-wearing, hygienic and easy to clean.

05. Fast discharge
Discharge of liquids via the hose on the rear of the device.

06. Temperature display
Setting and actual values temperature setting from 30° to 80 °C.

07. Starting
Automatic or manual.

08. Degas function
Automatic or manual.

09. Cleaning Time selection
1 to 30 min.

10. Time display
Selected and remaining.

11. Sweep function
Optimal distribution of electronic oscillation of the sound range in the detergent liquid.

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All the power of ultrasound.

Intense cleaning thanks to the most effective, modern technology.

A new generation of ultrasound tanks, now more complete and powerful than ever. Highea ultrasound tanks have been designed to provide maximum reliability and extreme flexibility. Ultrasound technology makes it possible to remove dirt from the surfaces of immersed objects, thoroughly cleaning even those parts that are most difficult to reach and hidden holes. Innovative technology and the very best materials: the perfect instrument for all your daily cleaning requirements.



Outstanding quality

Intense, effective cleaning thanks to wash time and temperature settings, high-power high-quality ultrasound, Sweep and Degas functions.

3 volumes to meet every need

A full range of three sizes to suit the space and load requirements of any surgery.

Simply Mocom

User-friendly keypad, time and temperature LEDs, drain tap and carry handles.

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Versatile load capacity

Available in three sizes, Highea ultrasound tanks are perfect whatever the surgery's space or load requirements. The 3-litre tank is suitable for loads of up to 1 kg, while the 6-litre version has a maximum capacity of 5 kg. The 9-litre tank can hold loads of up to 6 kg.



Advanced functions

Thanks to the heating function the temperature can range from 30 to 80 °C with 5 °C setting steps. LED lights indicate set temperature and current temperature at all times. The Highea ultrasound tank lets you select a wash time from 1 to 30 minutes. It's also possible to wash continuously for an indefinite time.



Ultrasound technology

Ultrasound washing uses special piezoelectric oscillation systems that transform high frequency energy into mechanical energy, generating millions of micro-bubbles in the in-tank liquid. The compression exerted by the vibrating waves fills the micro-bubbles, causing them to implode. This generates high-energy jets that strip dirt from the surfaces of the immersed objects, cleaning even those parts that are most difficult to reach and hidden holes.

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Innovative, reliable and complete

Highea ultrasound tanks are designed to respond to the operative needs of every surgery. Cutting-edge technology, user-friendliness and maximum reliability ensure Highea devices are always ready and in perfect working order.



Complete equipment set

All Highea ultrasound tank models come with a standard equipment set complete with two beakers and a beaker holder. These containers are essential for washing very small instruments or when you need to use different detergents or disinfectants during the same wash.



Side tap

The tank can easily be drained via the rear outlet by turning the laterally positioned tap 90°.



Positionable discharge

The angled rear connector is connected to the discharge point. It can swivel through 360°, perfectly adapting to any workspace.



Practical lid

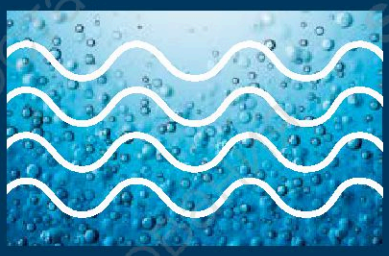
The plastic lid protects against any splashing, suppresses noise and accelerates liquid heating.



Filling level

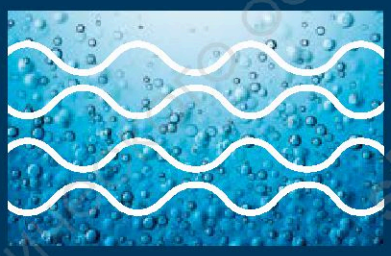
A maximum fill level warning prevents any liquid overflow during washing.

ULTRASOUND. ADVANCED MODES



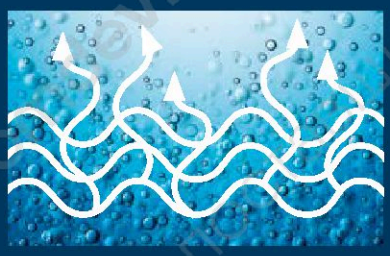
The power of ultrasound

The wash system is based on a system of high-performance transducers operating at a wash frequency of 37 kW, the frequency that optimises the cavitation effect.



Sweep mode

Sweep mode allows for higher-performance, more homogeneous treatment by continuously shifting maximum pressure within the cleaning liquids.



Degas function

Moreover, the Degas and AutoDegas functions induce - by applying alternate waves - explosion of the micro-bubbles in the liquids to maximise wash efficiency.

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Technical data	Highea 3	Highea 6	Highea 9
Voltage (V)		115-120 /220-240	
Frequency (Hz)		50 / 60	
Ultrasound frequency (kHz)		37	
Total power (W)	280	550	550
Effective ultrasound power (W)	80	150	150
Peak ultrasound power (W)	320	600	600
Heating elements power (W)	200	400	400
Dimensioni W/D/H (mm)	300 / 179 / 214	365 / 186 / 264	365 / 278 / 264
Internal tank dimensions W/D/H (mm)	240 / 137 / 100	300 / 151 / 150	300 / 240 / 150
Basket dimensions W/D/H (mm)	198 / 106 / 50	255 / 115 / 75	255 / 200 / 70
Maximum water volume (l)	2,75	5,75	9,5
Max. load (kg)	1	5	6
Weight (kg)	3,3	5,1	5,9
Tank material		Stainless Steel	
Lidding material		Stainless Steel	
Drainage connector		3/8"	

Equipment provided	Highea 3	Highea 6	Highea 9
Lid	●	●	●
Basket	●	●	●
Beaker	2	2	2
Beaker holder	●	●	●

● = standard

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