

ULTRASONIC CLEANERS

FUNCTIONS



SWEEP SYSTEM

The frequency modulation reduces washing time and prevents damage to delicate parts.



JET PROGRAM

Factory preset fast washing program to save time and energy.



DEGASS FUNCTION

Eliminates microbubbles inside hollow objects and enhances the action of ultrasounds.



TIMER FUNCTION

It allows adjusting the washing duration between 0 and 99 minutes, in 1-minute increments.

FEATURES

- ▶ Water heating for washing: from 0 to 70°C
- ▶ 2-dgt display for parameters visualization and setting
- ▶ Built-in drain system
- ▶ External panels and bathtub in AISI304 stainless steel (45L and 90L versions' bathtub is made of AISI316 stainless steel)
- ▶ Ultrasound frequency of 39 kHz \pm 1 kHz
- ▶ Electronic control of time and temperature optimized for the material to be treated
- ▶ Electronically adjustable heating stage

RANGE

Six models are available with tank capacities ranging from 3 to 90 liters.



VU03H1



VU06H1



VU14H1



VU28H1



VU45H1



VU90H1

	VU03H1	VU06H1	VU14H1	VU28H1	VU45H1	VU90H1
Capacity (litres)	3	6	14	28	45	90
Number of transducer(s)	2	3	4	10	12	24
Power	130W	180W	300W	500W	600W	1000W
Power with heating	305W	355W	800W	1500W	1600W	3000W
Peak power	260	360	600	1000	1200	2000
External dimensions (WxDxH)	270x170x260	325x270x260	440x340x425	600x330x425	600x340x525	660x560x525
Internal dimensions (WxDxH)	240x140x100	300x240x100	330x300x150	500x300x200	500x300x300	600x500x300
Ambient conditions	Temperature from 5°C to 40°C Relative humidity 80% up to 31°C, decreasing linearly to 50% at 40°C					
Installation conditions	Class II in accordance with EN 61010-1					
IP Grade	IP22					
CE conformity	EMC (EN 61326-1) LV (EN 61010-1 EN 61010-2-040) 2017/745/EU Medical Device Regulation Risk class I according to MDR rule 13					

For optimal use, the following optional accessories are also available.

- ▶ **Lids:** they protect users from aerosols and splashes during the operation of the device. They also help stabilize the liquid temperature inside the cleaner, allowing the ultrasounds to reach the target temperature more quickly and maintain it, thereby saving time and energy.
- ▶ **Baskets:** they allow to optimise the washing of objects and to then drain them into the tray.
- ▶ **Beaker supports:** the stainless steel support glass holder is used to support the glasses during washing.
- ▶ **Glass beakers:** special glasses complete with adjustable black rubber support ring are available. They are used to save detergent liquid if cleaning a small number of items is needed.
- ▶ **Small instrument baskets**



TECHNOLOGY

The new range of Smeg ultrasonic cleaners, classified as Class I medical devices under the MDR (EU Regulation 2017/745), provides invaluable assistance in removing residues that are insoluble in water. They are useful for removing stubborn residues from work instruments, including small tools and those that make conventional cleaning difficult.

Easy to install and entirely made of steel, the new ultrasonic cleaners also feature ergonomic side handles for easy transportation and draining using a sturdy tap and drain hose, both included.