



MARTIN WALTER
ULTRASCHALLTECHNIK

A Crest Group Company

ULTRA STRONG CLEANING IN EVERY DETAIL



POWERSONIC®
TABLE TOP CLEANER

EXCELLENCE OF SONIC POWER

CLEANING POWER – BILLIONS OF BUBBLES

Our patented PZT technology produces tiny vacuum bubbles that implode on contact with the surface to be cleaned. A single bubble it is a small, inconspicuous force. Billions of bubbles generated by our PZT, however, provide a cleaning power that is uniquely soft and gentle. Finer than a silk scarf, more efficient than a brush and as natural as a cleaner wrasse.

Powersonic® starts cleaning - depending on the application - without the addition of additional cleaning agents.

Powersonic® supplements and replaces conventional cold and hot cleaning using solvents and mechanical or manual operation.

Powersonic® cleans even the smallest spaces which are inaccessible to normal cleaning tools, and in almost all fields of application.

- **Body shops** (*nozzle and coating holders*)
- **Automotive** (*carburetor, bearing parts*)
- **Electronics manufacturing** (*solder and flux residues on circuit boards and assemblies*)
- **Air and filter technology** (*electrostatic air filters, oil filters, respirator masks, air conditioning*)
- **Mechanical engineering** (*machinery parts, valves, assemblies*)
- **Food technology** (*valves, shelves and equipment such as tools*)
- **Medical engineering** (*hygienic treatment of workpieces such as prostheses and glasses*)
- **Lab technology** (*slides, etc.*)

Powersonic® with its resource-saving power and easy application is used in the maintenance and service areas in the services and trade sector.

- **Air conditioning**
- **Air filters**
- **Optics**
- **Jewelry**
- **Sporting arms**

Powersonic® efficiently removes:

- Fats
- Paints
- Rust
- Surface rust
- Oils
- Adhesives
- Polish residues
- Lime
- Flux
- Dust
- Chemical residues and all kinds of contamination.

POWERSONIC® TECHNICAL SPECIFICATIONS

TECHNOLOGY

- Tank capacity 0.8 l - 26.1 l
- Frequency 45 kHz or 132 kHz
- Discharge taps available for tank capacities of 9.2 l and higher
- Deep-drawn stainless steel cleaning tank CN18/10 according to EN 631
- Stability pH 2 to pH 13.5
- High performance PZT ultrasonic transducer with ceramics technology
- Intrinsically safe heater with dry run protection
- Digital control of the ultrasonic generator with the following characteristics:
Constant performance, regardless of bath temperature, level and cleaned product, guarantees consistent and reproducible cleaning results.
Homogeneous sound field and energy distribution and prevention of standing waves using frequency modulation (sweep).
Double half-wave sound



SERIES S

- Digital display of cleaning time
- Adjustable cleaning time or continuous operation via digital display

SERIES S/R

- Digital display of temperature and cleaning time
- Adjustable cleaning time or continuous operation via digital display
- Adjustable bath temperature of 20-80°C with digital display

SERIES D

- Digital display of temperature, ultrasonic power and cleaning time
- Adjustable cleaning time or continuous operation via digital display
- Adjustable bath temperature of 20-80°C with digital display
- Adjustable ultrasonic power in nine steps. This feature enables an optimal adjustment of the ultrasonic energy to the parts to be cleaned
- Degas function for degassing the bath liquid



All devices with a tank capacity of more than 9 liters are equipped with a stainless steel ball valve.



Power cable, connected to the device, IP 65. Standard EU adapter (optional DK, UK, CH, CN, AUS). Device also available as 115 V version



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USEFUL ADDITIONS



ORIGINAL ACCESSORIES

Cleaning agents designed for use with ultrasound. Lid to cover the device. Perforated cover for the use of beakers (Ø 70 / 90 mm). Beakers Ø 70 / 90 mm, volume 250 / 600 ml

POWERSONIC® ACCESSORIES



Baskets with drain brackets
(from model P230)



Stainless steel baskets

Stainless steel baskets for use in our ultrasonic devices. With a mesh size of 8 x 8 mm and a wire thickness of 1 mm, the welded baskets are ideal for use in ultrasonic cleaning.

All baskets from model P230 (2.8 liters) equipped with drain brackets. This prevents unnecessary carryover of the cleaning agent and helps to keep your workplace clean.

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