



**WEBER  
ULTRASONICS**

**SONOPOWER 3S  
GENERATOR-SERIES**

**CLEAN  
SINGLE FQ**

MADE IN GERMANY

**CLEAN  
DUAL FQ**

MADE IN GERMANY

**CLEAN  
MULTI FQ**

MADE IN GERMANY



## THE PERFECT FIT FOR EVERY TASK

**THE INTELLIGENT SOLUTION FOR THE MOST DEMANDING  
CLEANING TASKS: THE SONOPOWER 3S SERIES**

### › INTELLIGENT CONTROL

With digital technology you always clean at the ideal operating frequency.

### › MAXIMUM FLEXIBILITY

Take care of a wide range of cleaning tasks with up to three frequencies and a second transducer connection.

### › UNLIMITED POWER

Benefit from the best cleaning quality and the highest level of process reliability at up to 3,000 watts.

### › PLUG & PLAY

Simply connect your generator to the mains and the transducer—and it's now ready to run.



**Up to 3,000 watts**  
POWER OUTPUT



**Scan/sweep/amplitude**  
PATENT-PENDING FUNCTIONS



**25-132 kHz**  
FREQUENCY SPECTRUM



**Plug & Play**  
IMMEDIATELY READY TO RUN

# SONOPOWER 3S-SERIES

## INTELLIGENT, FLEXIBLE, ROBUST

The latest version of the successful Sonopower 3S model is the most flexible, efficient and stable digital generator concept. The 4<sup>th</sup> generation works with up to three frequencies in various power classes from 1,000 to 3,000 watts.

Furthermore, the 3S series includes the patent-pending SonoBoost-Sweep and SonoPower-Modulation functions. This unique integrated frequency and amplitude modulation creates homogeneous sound fields and prevents »standing waves«, thereby meeting virtually every cleaning requirement faster and more efficiently.

The control functions, for example the fully digital generator series' mains voltage management, make it particularly reliable. The available interfaces and the optional transducer connection offer the greatest flexibility for all applications.

### THE SPECIAL CHARACTERISTICS OF THE SONOPOWER 3S AT A GLANCE

#### › SONOSCAN

The new SonoScan determines the optimum operating frequency even faster and more precisely.

#### › SONOBOOST-SWEEP, SONOPOWER-MODULATION

The combined frequency and amplitude modulation enables ideal cleaning results.

#### › MAINS VOLTAGE MANAGEMENT

Voltage fluctuations are automatically compensated, thereby guaranteeing the highest level of operational reliability and process stability.

#### › COLOUR DISPLAY & USER CONVENIENCE

Complex functions and contents are communicated clearly and can be controlled directly.

#### › ERROR MEMORY

In the event of a service call, errors can be read via USB.

#### › SWITCH ON THE FLY

Frequency changes (dual and multifrequency models) can be performed during operation.

### OTHER PROPERTIES

- Plug & Play
- Automatic degas mode
- Intelligent fan control
- Power output control from 10 to 100 per cent
- USB service interface
- Compact design, can be fitted in 19" casing
- 25-pole I/O interface
- Optional: PROFIBUS or PROFINET interface
- Optional: second transducer connection for doubling the range of applications

The right model for coarse, fine or superfine cleaning

#### SONOPOWER 3S SINGLE

Suitable for submersible and plate transducers

	1,000 W	1,200 W	1,500 W	1,800 W	2,000 W	2,400 W	2,600 W	3,000 W
25 kHz	115/230V	115/230V	115/230V	115/230V	115/230V	230V	230V	230V
40 kHz	115/230V	115/230V	115/230V	115/230V	115/230V	230V	230V	230V
50 kHz	115/230V	115/230V	115/230V	115/230V	115/230V	230V	230V	230V
80 kHz	115/230V	230V	230V	230V	230V			
132 kHz	115/230V	230V	230V	230V	230V			

The perfect combination for multi-tiered processes

#### SONOPOWER 3S DUAL

Suitable for submersible and plate transducers

	1,000 W	1,200 W	1,500 W	1,800 W	2,000 W	2,400 W	2,600 W	3,000 W
25/50 kHz	115/230V	115/230V	115/230V	115/230V	115/230V	230V	230V	230V
40/80 kHz	115/230V	230V	230V	230V	230V			
40/132 kHz	115/230V	230V	230V	230V	230V			
80/132 kHz	115/230V	230V	230V	230V	230V			

Full flexibility from coarse to superfine cleaning

#### SONOPOWER 3S MULTI

Suitable for submersible and plate transducers

	1,000 W	1,200 W	1,500 W	1,800 W	2,000 W	2,400 W	2,600 W	3,000 W
40/80/132 kHz	115/230V	230V	230V	230V	230V			

### SPECIFICATIONS

- Mains consumption during no-load operation (without fan): 5 W
- Power consumption during ultrasonic output: up to 3,500 VA (230 V models) or up to 2,500 VA (115 V models)
- Mains voltage during target power output:  
215–240 V AC (230 V models), 107–135 V AC (115 V models)
- Mains voltage, operating range: 195–260 V AC (230 V models)  
90–135 V AC (115 V models)
- Mains frequency: 50–60 Hz
- Mains connection IEC-60320 C19
- Output voltage [HF]: up to 450 V (depending on model variant)
- Current consumption up to 20 A (depending on model variant)
- Output current [HF]: up to 14 A (depending on model variant)
- Ambient temperature for operating range:  
0–40 °C, non-condensing
- Ambient temperature range for storage:  
up to 65 °C, non-condensing
- Weight: 6.5 kg
- HxWxD: 134x325x265 mm



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