



**WEBER  
ULTRASONICS**



# **THE PERFECT FIT FOR EVERY TASK**

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

SONOPOWER 3S  
GENERATOR-SERIES

**CLEAN  
SINGLE FQ**  
MADE IN GERMANY

**CLEAN  
DUAL FQ**  
MADE IN GERMANY

**CLEAN  
MULTI FQ**  
MADE IN GERMANY



**POWER MEETS FLEXIBILITY**

The newest version of the successful Sonopower 3S model: the most flexible, efficient and stable digital generator concept ever introduced by Weber Ultrasonics.

# PURE EFFICIENCY

THE SONOPOWER 3S PERFORMS EVEN THE MOST DEMANDING CLEANING TASKS WITH PERFECTION. EQUIPPED WITH THE INNOVATIVE TECHNOLOGIES OF WEBER ULTRASONICS



[picture in original size](#)

Absolute reliability and consistent cleaning results are critical for industrial cleaning processes. This is why we have refined our highly successful Sonopower 3S to provide greater flexibility in process development and selection. The focus is to provide quality and reliable cleaning solutions for every application.

### QUALITY OF CLEANING RESULTS

The key driver is the ever-advancing cleanliness requirements of most industrial applications. The optimisation of the scan function allows the optimum operating frequency to be determined precisely and quickly thanks to the latest switching technology and improved algorithms.

SonoBoost-Sweep and SonoPower-Modulation, the combined adjustment of frequency and amplitude, create a particularly homogeneous sound field. Furthermore, the fully digital design of the generator enables more functions that optimise the process and improve quality.

### FLEXIBILITY

Moreover, the 3S series meets the increasing demand for process flexibility and connectivity. As such, the new 3S series offers all

relevant power classes and frequencies from coarse to superfine cleaning. With the Dual and Multi versions, multi-tiered processes can be covered by a single device. You can increase the range of applications with an optional second transducer connection. In addition, we now offer PROFINET as an optional communication solution to further increase industry standardization.

### SETUP AND MAINTENANCE

Alongside its quality and flexibility, the 3S series stands out through its simple setup and maintenance. Thanks to its intelligent control and optimised scan, the system can be operated immediately after being switched on (Plug & Play). The 3S can also switch between frequencies (Dual and Multi models) on the fly. The display enables quick access to the relevant process parameters and a fault analysis. With the USB interface, updates can be performed and maintenance-relevant information exchanged in a fast and uncomplicated way.

More than 20 years of experience and close cooperation with our customers flow into the fourth generation of the Sonopower 3S. See for yourself.



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



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



**25 - 132 kHz**  
FREQUENCY SPECTRUM



**Plug & Play**  
IMMEDIATELY READY TO RUN

## 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 within a range of +/-10 %, 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

# MORE IS MORE

## CLEAN AT UP TO THREE FREQUENCIES WITH THE SONOPOWER 3S

The fourth generation works with up to three frequencies in various power classes from 1,000 to 3,000 watts. We are happy to advise you to help you find the right generator and transducer combination for your cleaning process.

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
<b>25 kHz</b>	115/230 V	115/230 V	115/230 V	115/230 V	115/230 V	230 V	230 V	230 V
<b>40 kHz</b>	115/230 V	115/230 V	115/230 V	115/230 V	115/230 V	230 V	230 V	230 V
<b>50 kHz</b>	115/230 V	115/230 V	115/230 V	115/230 V	115/230 V	230 V	230 V	230 V
<b>80 kHz</b>	115/230 V	230 V	230 V	230 V	230 V			
<b>132 kHz</b>	115/230 V	230 V	230 V	230 V	230 V			

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
<b>25 / 50 kHz</b>	115/230 V	115/230 V	115/230 V	115/230 V	115/230 V	230 V	230 V	230 V
<b>40 / 80 kHz</b>	115/230 V	230 V	230 V	230 V	230 V			
<b>40 / 132 kHz</b>	115/230 V	230 V	230 V	230 V	230 V			
<b>80 / 132 kHz</b>	115/230 V	230 V	230 V	230 V	230 V			

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
<b>40 / 80 / 132 kHz</b>	115/230 V	230 V	230 V	230 V	230 V			



Sonopower 3S back view



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