



**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 4th 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 mains voltage management, make it particularly reliable. The available fieldbus interfaces and the optional second transducer connection offer the greatest flexibility for all applications.

THE SPECIAL CHARACTERISTICS 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

Automatic compensation of voltage fluctuations guarantees 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

- 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: second transducer connection for doubling the range of applications
- Optional: Fieldbus interfaces



**WEBER
ULTRASONICS**

Im Hinteracker 7
76307 Karlsbad, Germany
mail@weber-ultrasonics.com
weber-ultrasonics.com

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 | 115/230 V | 115/230 V | 115/230 V | 115/230 V | 115/230 V | 230 V | 230 V | 230 V |
| 40 kHz | 115/230 V | 115/230 V | 115/230 V | 115/230 V | 115/230 V | 230 V | 230 V | 230 V |
| 50 kHz | 115/230 V | 115/230 V | 115/230 V | 115/230 V | 115/230 V | 230 V | 230 V | 230 V |
| 80 kHz | 115/230 V | 230 V | 230 V | 230 V | 230 V | | | |
| 132 kHz | 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 |
|------------|-----------|-----------|-----------|-----------|-----------|---------|---------|---------|
| 25/50 kHz | 115/230 V | 115/230 V | 115/230 V | 115/230 V | 115/230 V | 230 V | 230 V | 230 V |
| 40/80 kHz | 115/230 V | 230 V | 230 V | 230 V | 230 V | | | |
| 40/132 kHz | 115/230 V | 230 V | 230 V | 230 V | 230 V | | | |
| 80/132 kHz | 115/230 V | 230 V | 230 V | 230 V | 230 V | | | |

Full flexibility for any cleaning task

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 | 115/230 V | 230 V | 230 V | 230 V | 230 V | | | |

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
- H x W x D: 134 x 325 x 265 mm

