POWDER SCREENING SYSTEM - SONOSCREENEASY

BENEFIT FROM EASY AND EFFICIENT SCREENING

Advantages at a glance

- Optimum material flow
- Permanently high throughput, also with fine mesh
- Quick and easy to clean
- Maintenance free
- Conforms with ATEX







SONOSCREENeasy is an inexpensive and reliable screening system for various types of powder and applications. Due to the homogenous sound distribution outside and inside the ring resonator the screening output is of the same quantity throughout the screening surface.

The patented SONOSCREEN technology makes it possible to fit ultrasound to rectangular and round screening frames also as a retrofit. For this reason, the system is suitable for fitting to all tumbling and vibration screening machines.

Applications and industries

The SONOSCREENeasy powder screening system is used in numerous fields, such as the food, pharmaceutical, chemical, powder paint, metal powder and plastics industries.

Ultrasonic screening reliably improves the screening output and is efficient in helping to eliminate contamination from the screenings.

Characteristics and advantages

- Significantly improved screening output
- Better separation accuracy
- Significantly reduced clogging risk
- Constant throughput
- Low in maintenance and easy to clean
- ATEX version available
- Gentle on the screening fabric
- Low in energy consumption
- Can be retrofitted to existing screening systems









Generators

Converter

	SG4L	SG4L twin	SGL4L pro
Nominal frequency	in the 35 kHz range	in the 35 kHz range	in the 35 kHz range
Maximum power output	60 W or 100 W	2 x 60 W or 2 x 100 W	60 W or 100 W
Dimensions W x H x D in mm	300 x 200 x 120	300 x 200 x 120	440 x 70 x 60
Operating modes	8 different	8 different	8 different
Connection points	HF, PLC, network	HF, PLC, network	HF, PLC, network
Operation	via membrane keyboard or RS-232 interface	via membrane keyboard or RS-232 interface	"One-touch" or via RS-232 interface, ideal for installation in a switch cabinet







	SK3510	SK3510
Nominal frequency	in the 35 kHz range	in the 35 kHz range
Dimensions W x H x D in mm	50 x 50 x 118	50 x 50 x 118
Outlet	straight	90°
Optional	ATEX	ATEX

Model	SONOSCREENeasy – SG4L (SG4L twin)	SONOSCREENeasy – SG4L pro
Output	60 W or 100 W (2x 60 W or 2x100 W)	60 W or 100 W
Mains voltage	180 V to 265 V at 50 Hz/60 Hz 90 V to 132 V at 50 Hz/60 Hz	180 V to 265 V at 50 Hz/60 Hz 90 V to 132 V at 50 Hz/60 Hz
Generator	for ATEX zone 22	-
Operation	independent of network frequency	independent of network frequency
Selection and storage	4 different screening tasks	4 different screening tasks
Display	alpha-numerical	with information display
Remote control	via PLC	via PLC
HF cable length	max. 10 m	max. 10 m

Cable and accessories





TELSONIC AG Industriestrasse 6b 9552 Bronschhofen Switzerland Tel. +41 71 913 98 88 Fax +41 71 913 98 77 E-Mail info@telsonic.com

TELSONIC GmbH

Gundstrasse 15 91056 Erlangen Germany Tel. +49 9131 687 89 0 Fax +49 9131 687 89 77 E-Mail info.de@telsonic.com

TELSONIC UK Ltd.

Units 14 & 15 Birch Copse Technology Road Poole, Dorset BH17 7FH United Kingdom Tel. +44 1202 697340 Fax +44 1202 693674 E-Mail sales.uk@telsonic.com

TELSONIC d.o.o

Atar 95 21241 Kač Serbia Tel. +38 121 6210 010 Fax +38 121 6213 738 E-Mail info.rs@telsonic.com

TELSONIC Utrasonics Inc.

50350 Rizzo Drive Shelby Township, MI 48315 USA Tel. +1 586 802 0033 Fax +1 586 802 0034 E-Mail info.us@telsonic.com

TELSONIC Solutions

10 Ossipee Road, P.O.Box 38 Newton Upper Falls, MA 02464-0001 USA Tel. +1 617 244 0400 Fax +1 617 415 1555 E-Mail info@telsonicmetal.com

TELSONIC Ultrasonic Equipment (Shanghai) Co., Ltd.

4th floor, Building 20 1525 MingQiang Road Songjiang Shanghai, 201612 China Tel. +86 21 3373 0230 Fax +86 21 3373 0231 E-Mail info.cn@telsonic.com

worldwide representatives