SONOREX *smart*

Classics with modern technology

We have made our proven ultrasound devices even better and launched the new **SONOREX smart series**. In doing so, we have retained the previous advantages and expanded them with new technology and comfort functions.

New features:

- Intuitive touchscreen
- Clear visualisation of the operating status
- Seamless process documentation possible
- Temperature monitoring
- Individual programmes can be saved

Proven features:

- Robust and extremely durable
- Wide range of accessories, compatible with the stock
- Available in different sizes
- Class I medical device
- Drip-proof to IP32
- Sweep function
- Pulse function
- Power setting 10-100 %

MADE IN **GERMANY**

Accessories

Special accessories for smart devices

USB/LAN Docking Station
With USB-A, USB-B and Ethernet connection. Allows the simple transfer of the process protocol to other storage media.
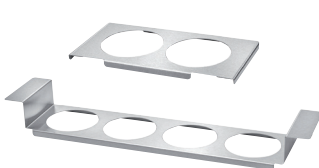
General accessories

Insert baskets

Lids

Positioning lid & beaker holder, flask holder and spring clamps

Laboratory chiller LABOCOOL LC 400

Detergents

Technical data

Type	Internal dimensions Oscillating tank l × w × d [mm]	Capacity [l]	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]
ST 102 H	240 × 140 × 100	3.0	480	120	140
ST 103 H	240 × 140 × 150	4.0	560	140	200
ST 156 BH	500 × 140 × 150	9.0	860	215	600
ST 170 H	1000 × 200 × 200	39.0	1520	380	1600
ST 255 H	300 × 150 × 150	5.5	640	160	280
ST 510 H	300 × 240 × 150	9.7	640	160	400
ST 514 H	325 × 300 × 150	13.5	860	215	600
ST 514 BH	325 × 300 × 200	18.7	860	215	600
ST 1028 H	500 × 300 × 200	28.0	1200	300	1300
ST 1028 CH	500 × 300 × 300	45.0	1200	300	1450
ST 1050 CH	600 × 500 × 300	90.0	2400	600	1950

*corresponds to 4 times ultrasonic nominal power

Back side

Top view

SONOREX smart ST 510 H

Further information on our devices & accessories, including online ordering, visit **bandelin.com**. Orders can also be placed by e-mail to **order@bandelin.com**.

Application examples

Sample preparation for subsequent analysis
The internal programme memory enables reliable reproducibility of your validated processes for sample preparation. Thanks to the integrated temperature your samples are protected from unintentional heating.

Degassing
With the degassing mode available at the touch of a button, your samples are quickly and thoroughly degassed for further analysis.

Cleaning laboratory equipment
Thanks to the easily recognisable display elements, you have maximum control over the cleaning process of your equipment at all times.

Tip: Depending on the application, a suitable cleaning agent is of particular importance. This can significantly improve the effect of the ultrasound.

We will be happy to advise you
personally! Ask our experts.

Dipl.-Ing. Marina Herrmann
Sales Manager, Laboratory ultrasound

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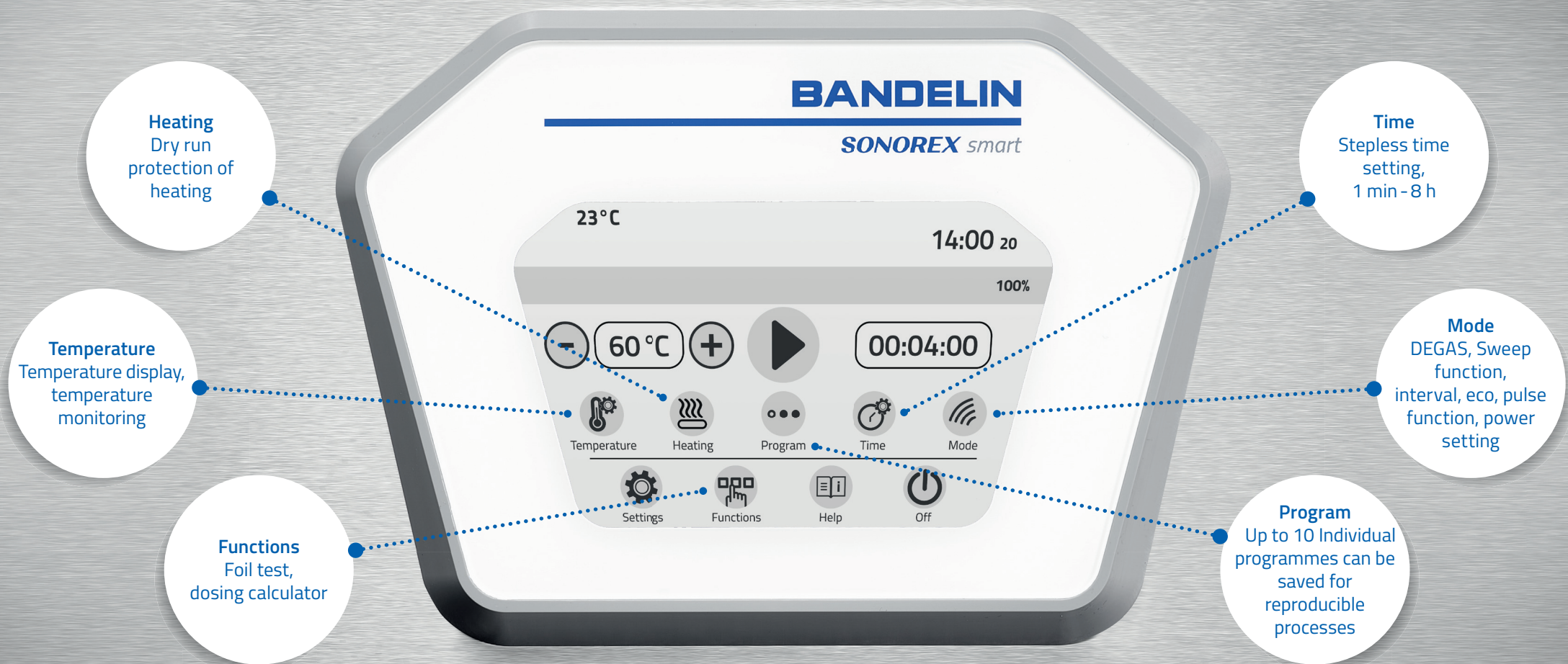marina.herrmann@bandelin.com

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BANDELIN
Ultraschall seit 1955

Heating
Dry run
protection of
heating

Time
Stepless time
setting,
1 min - 8 h

Temperature
Temperature display,
temperature
monitoring

Mode
DEGAS, Sweep
function,
interval, eco, pulse
function, power
setting

Functions
Foil test,
dosing calculator

Program
Up to 10 Individual
programmes can be
saved for
reproducible
processes

SONOREX *smart*
One device for all
ultrasonic applications

NEW

Features

- Water-protected touch display (IP32), easy to clean
- Creation of process protocols (Transferable to other media via optionally available USB/LAN docking station)
- Different languages selectable (de, en, fr, it, es)

- Clear display of the most important parameters during operation (temperature, power, time)
- Power setting 10-100% for cleaning more sensitive parts
- Eco program with reduced energy consumption

- Individual programmes can be saved for reproducible processes
- Rapid degassing - DEGAS
- Dosing calculator for cleaning agent
- Sweep function for a homogeneous sound field
- Stepless time setting

- Safety shut-down after 8 h
- Help menu for each function
- Dry run protection
- Acoustic feedback