

## SONOSHAKE, BANDELIN



**BANDELIN**  
Ultraschall seit 1955

### ① Ultrasonic bath SONOREX DIGITEC DT 1028 F combined with shaking device SA 1028

SONOSHAKE offers a wide range of possible applications for sample preparation in many areas of analysis, for example, in environmental and foodstuffs analytics. Ideal for sonication of samples in laboratory flasks. The samples can be sonicated either for a selected period or in continuous mode. Quick degassing using the DEGAS function is also possible.

With four different shaking frequencies, the shaking device enables gentle to vigorous reciprocating motion up to a maximum of 20 mm. Both procedures can be carried out simultaneously or separately. This means that, for example, a sample can be pre-homogenized at a specified shaking frequency, and then final homogenization can be achieved in a very short time using ultrasound.

#### SONOREX DIGITEC DT 1028 F

- Internal tank dimensions: 500 × 300 × 65 mm (l×w×d)
- Capacity 9,5 liters
- External dimensions: 535 × 325 × 205 mm (l×w×h)
- Ultrasonic peak output 1280 W
- Sweep
- Ultrasonic nominal power 320 W

#### Shaking device SA 1028

- Analogue setting: rotary handle for time setting 1 – 15 min., ± 5% or continuous (∞) and shaking frequency, rotary handle for power selector switch for 0, 25, 50, 75 or 100%
- Reciprocating motion: settings in 4 steps possible of up to 200 rpm
- Constant amplitude of 20 mm independently of loading
- Rack easy to remove
- Easy mounting of the laboratory clamps EK 10 – 250 (ordering separately)
- Shaking platform approx. 410 × 280 mm (l×w)
- Mounting of 36 × 10-ml-flasks or 36 × 25-ml-flasks or 18 × 50-ml-flasks or 12 × 100-ml-flasks or 10 × 250-ml-flasks
- Required floor space of SONOSHAKE approx. 850 × 360 mm (l×w)

The shaking device SA 1028 can also be added to existing SONOREX DIGITEC DT 1028 F ultrasonic baths.

| Article                                                                                              | Order No.          |
|------------------------------------------------------------------------------------------------------|--------------------|
| <b>SONOREX DIGITEC DT 1028 F</b>                                                                     | <b>10 07 33243</b> |
| Basic set: Ultrasonic bath SONOREX DIGITEC DT 1028 F, 2 flask holders GL 510 F, 250 ml TICKOPUR R 33 |                    |
| ② <b>Shaking device SA 1028</b>                                                                      | <b>10 07 33249</b> |



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