

## 1 2 Magnetic stirrers

### UniSTIRRER 1:

An ultra-flat induction magnetic stirrer without heating for biology and biochemistry applications. Modern magnetic coil technology consists only of non-moving parts and therefore guarantees no usury. No probes heating. For better mixing the sample, the rotation direction can be changed of every 30 seconds. 3 years warranty.

100% inductive motor without usury and maintenance  
LED display for precise rotation speed adjustment  
Digital rotation speed adjustment  
Adjustable stirring direction  
High IP 65 protection class  
Stainless steel surface  
Delivery includes: magnetic stirrer, power cable, adapters for UK and USA

### UniSTIRRER 3:

Economical magnetic stirrer with all the needed features for operation. A LED display controls all parameters, an integrated temperature control and a closed design (IP42) are its features. The included PT-1000 sensor ensures accurate temperature control. A support rod with a sensor support is provided with the instrument.

The HOT signal warns the user when the plate is hot, even if the instrument is off. 3 years warranty.

LED display to adjust the exact rotation speed and temperature.

Digital control of rotation speed and temperature.

Included PT-1000 sensor.

Integrated temperature control.

The supply includes: magnetic stirrer with PT-1000, support rod, sensor support and fixing material.

### Stirring quantity (H<sub>2</sub>O):

UniSTIRRER 1: 800 mL

UniSTIRRER 3: 3000 mL

### Speed range:

UniSTIRRER 1: 15 - 1500 rpm

UniSTIRRER 3: 100 - 1500 rpm

### Allowed environment T°:

UniSTIRRER 1: 5 - 40 °C

UniSTIRRER 3: 5 - 40 °C

### Heating plate:

UniSTIRRER 1: diam 94 mm/Stainless steel

UniSTIRRER 3: diam 135 mm/Stainless steel

**Display:** LCD

| Description                           | PK | Cat. No. |
|---------------------------------------|----|----------|
| LLG-uniSTIRRER 1                      | 1  | 6263420  |
| LLG-uniSTIRRER 3, with heating system | 1  | 6263410  |

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uniSTIRRER 1

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UniSTIRRER 3

## 3 4 Thermometers and Datalogger

### Data Logger EBI 20-T1-set

Temperature logger, evaluation software, interface.

Temperature measurement range: -30 ... + 70 °C.

Temperature accuracy: ±0.5 °C (-20 to + 40 °C); ±0.8 °C for the remaining measuring range.

Temperature resolution: 0.1 °C.

Memory: 40.000 measured values.

Sensor: NTC.

Operating temperature: -30 to + 70 °C.

Battery: 3V lithium, replaceable.

Protection degree : IP 67.

### LLG-Digital pocket thermometer Type 12050

Measuring range -50 to +150 °C, accuracy ±1°C.

Stainless steel probe, 120x3.5 mm, with protective plastic sleeve and clip, with battery 1 x 1.5V (LR44).

Overall dimensions (L x W): 75 x 20 mm.

| Description                               | PK | Cat. No. |
|---|----|----------|
| Data Logger EBI 20-T1-set                 | 1  | 9908073  |
| LLG-Digital pocket thermometer Type 12050 | 1  | 9236706  |

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Logger EBI-20 T1-Set

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## 1 2 Centrifuges

| Description  | PK  | Cat. No.  |
|--|-----|-----------|
| Compact HERMLE bench centrifuge Model Z 206 A          | 1   | 9945737   |
| Fixed angle rotor 6x50 mL, for Model Z 206 A           | 1   | 9945729   |
| Conical graduated tube 50 mL, for Model Z 206 A        | 100 | YK0084002 |
| LLG-uniCFUGE 2/5 with rotor for 5 mL tubes and EU plug | 1   | 6263515   |



Z206A



LLG-uniCFUGE 2/5

## Technical Kern balances

Series 440.

Compact laboratory balances. Integrated program for recipes formulation and counters. Their high performances are ideal for routine laboratory activity. Protection cover supplied. Integrated calibration program to ensure high precision. LCD display with 15 mm digits. Power supply with external transformer or with 9V battery (not supplied). The balance has an AUTO-OFF function activating after 5 minutes to save battery power.

Stainless steel weighing plate.  
Dimensions: 165x230x80 mm.  
Weight: 1 kg.

| Type    | Pan dim. mm | Capacity g | Readability g | Linearity ± mg | PK | Cat. No. |
|---------|-------------|------------|---------------|----------------|----|----------|
| 440-35N | Ø 105       | 400        | 0,01          | 0,03           | 1  | 9901349  |
| 440-35A | Ø 105       | 600        | 0,01          | 0,03           | 1  | 9901341  |
| 440-45N | 130 x 130   | 1000       | 0,1           | 0,2            | 1  | 9901346  |
| 440-47N | 130 x 130   | 2000       | 0,1           | 0,2            | 1  | 9901347  |
| 440-49N | 170 x 150   | 4000       | 0,1           | 0,3            | 1  | 9901343  |
| 440-49A | 170 x 150   | 6000       | 0,1           | 0,3            | 1  | 9901342  |

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## 3 Ultrasonic bath

SONOREX SUPER ULTRASONIC BATH Model RK 31

For accurate cleaning, liquid degassing, sono-chemistry.

It works at 35 kHz and is equipped with a PZT transducer for optimum cleaning and a very deep action.

High power ultrasound with peak and power HF 230 V, 50/60 Hz

Equipped with stainless steel basin and housing and anti-static protection.

Internal dimensions (LxWxH) 190x85x60 mm.

Capacity 0.9 L

Ultrasonic capacity 240 W

"CE" marked.

| Description | PK | Cat. No. |
|-------------|----|----------|
| RK 31       | 1  | 9877021  |