

Innovation at an attractive price



**Our new broad range of
Instruments!**



3-Year Warranty

on all current and



uniSTIRRER 1

Very thin!

An ultra-flat inductive magnetic stirrer without heating. The modern magnet coil technology consists only of non-moving parts and therefore guarantees a wear-free drive. For a better mixing of samples it is possible to change the direction of rotation every 30 seconds.

- 100% wear- and maintenance-free inductive drive
- LED-display for an exact adjustment of the rotation speed
- Digital regulated rotation speed
- Alteration of the stirring direction
- High protection class IP 65
- Stainless steel surface

Delivery includes: magnetic stirrer, power cable, adapters for UK and US.

Specifications

Stirring quantity (H₂O): 800ml

Speed range: 15 to 1500rpm

Magnetic bar: max. 25mm

Display: LED

Heating plate: 94mm diam./ Stainless steel

Dimensions (WxDxH): 121 x 165 x 12mm

Weight: 0.5kg

Operating temperature range: 5 bis 40°C

Power supply: 100 - 230 V

Protection class: IP 65

Type	PK	Cat. No.
uniSTIRRER 1	1	6.263 420



uniSTIRRER 3

Economic package with good performance!

Low-priced magnetic stirrer with all essential functions and equipment features. A LED display to control all parameters, an integrated temperature control as well as an enclosed design (IP42) are integrated features. The included PT-1000 sensor ensures an exact temperature control. A stand rod with a sensor holder is supplied with this instrument. The integrated HOT-sign warns the user of a hot plate even if the device is switched off.

- LED display to set the exact rotation speed and the temperature
- Digital controlled rotation speed and temperature
- „HOT“ warning sign, even if the device is switched off
- Sensor PT-1000 is included
- Integrated temperature control
- Stand rod and sensor holder is supplied

Delivery includes: magnetic stirrer with PT1000, stand rod and fixing material.

Specifications

Stirring quantity (H₂O): 3L

Speed range: 100 to 1500rpm

Magnetic bar: max. 50mm

Display accuracy: 10rpm

Display: LED

Heating plate: 135mm diam./Stainless steel

Temperature range: RT to +280°C

Operating temperature range: +5 to +40°C

Setting accuracy: 1°C

Control accuracy: ±2°C

Heat output: 500W

Safety temperature: 320°C

Dimensions (WxDxH): 155 x 215 x 100mm

Weight: 1.5kg

Power supply: 200-240V

Protection class: IP42

Type	PK	Cat. No.
uniSTIRRER 3 with EU plug	1	6.263 410
uniSTIRRER 3 with UK plug	1	6.263 411

future Instruments of the uni-Serie



Mini centrifuge - maximum speed!

A compact and reasonably priced mini centrifuge with an universal rotor for 6x 1.5/2.0 ml, 6x 0.5 ml tubes or 2 times 8x 0.2 ml PCR-strips.
Speed can be adjusted to 4000 rpm or 6000 rpm. Powerful motor for fast starting. Quick stop when the lid is opened.

Specifications

- RCF:** 1200xg and 2000xg
- Speed:** 4000rpm and 6000rpm
- Max. capacity:** 6 x 0.5/1.5/2ml or 2 x 8-tube PCR strips (0.2ml)
- Dimensions (diam. x H):** 140 x 120mm
- Weight:** 0.7kg
- Power supply:** 100-240V~, 50/60Hz, 1A

Type	PK	Cat. No.
uniCFUGE 2 with EU plug	1	6.263 510
uniCFUGE 2 with UK plug	1	6.263 511



Stepless adjustable!

A compact and reasonably priced mini centrifuge with brushless and non-wearing high-efficiency motor. Stepless speed adjustment from 0 to 6000rpm. Microprocessor controlled regulation for load-independent accuracy and integrated imbalance control. Integrated timer (0-25 minutes) and high speed- constancy for reproducible results. Quick stop when the lid is opened. 2 flow-optimised rotors for 8 x 1.5/2ml and 16 x 0.2ml vessels included.
Adapter for 8 x 0.2/0.4/0.5 ml vessels also included.
Supplied with suction feet for a stable operation.

Specifications

- Motor:** brushless DC motor
- Max. Speed:** variable up to 6000rpm
- Accuracy Speed:** ±25rpm
- Max. RCF:** 2000xg
- Max. Load:** 8 x 1.5/2ml or 16 x 0.2ml PCR tubes
- Dimensions (diam. x H):** 160 x 116mm
- Weight:** 1.1kg
- Power supply:** 100 - 240VAC, 50/60Hz

Type	PK	Cat. No.
uniCFUGE 3 with EU plug	1	6.263 520
uniCFUGE 3 with UK plug	1	6.263 521

For more information please
visit www.llg-labware.com



Analysis at a glance!

uniSPEC 2 is an inexpensive, basic UV/VIS-spectrophotometer suitable for pharmaceutical, biochemical and clinical lab applications as well as routine measurements such as kinetics, wavelength scans, quantitative analysis, multi-wavelength and DNA/Protein analysis. A reliable and robust instrument that is easy to operate.

The included software provides a complete control of the spectrophotometer from a computer using the built-in USB port.

In case of a sudden power cut the data can be restored. It is possible to store and save 200 calibration curves.

Automatic wavelength setting, auto-zero and blank measurements.

Both lamps can be individually turned on/off to extend the durability.

A pre-adjusted lamp design allows a fast and easy lamp replacement.

Specifications

Wavelength Range: 190-1100nm

Bandwidth: 2nm

Wavelength Accuracy: $\pm 0.5\text{nm}$

Wavelength Repeatability: 0.3nm

Wavelength Setting: Automatic

Photometric Accuracy: $\pm 0.5\%T$

Photometric Repeatability: 0.3%T

Photometric Range: -0.3-3A, 0-200%T, 0-9999C

Stability: $\pm 0.002A/h$ at 500nm

Stray Light: $\leq 0.1\%T$

Data Output: USB port

Printer Port: Parallel port

Display: 128 x 64 Dots LCD

Standard Cell Holder: 4-position 10 mm cell changer

Lamps: D2 Lamp and W Lamp

Power Requirements: AC 220V/50Hz or 110V/60Hz

Dimension (WxDxH): 460 x 360 x 225mm

Weight: 18kg

Type	PK	Cat. No.
uniSPEC 2 with EU plug	1	6.263 610
uniSPEC 2 with UK plug	1	6.263 611