

LABORHITS

Thermo Shaker LLG-uniTHERMIX 1 and 2

Many block options available,
easy to change

Cooling and
heating function

Cost effective

LLG-uniTHERMIX 2 with shaking,
cooling and heating function,
15 °C below RT to approx. +100 °C

Features

- Precise temperature control system
- Temperatures up to 100 °C
- Temperature accuracy of ± 0.5 °C (20 to 45 °C)
- Efficient mixing up to 1500 rpm,
(depending on the heating block)
- Up to 9 storable programs
- Many block options available (see below)
- Automatic block recognition

LLG-uniTHERMIX 1 with
shaking and heating function,
RT + 5 °C to approx. + 100 °C

The LLG-uniTHERMIX is ideal for shaking and temperature control of a variety of tubes or plates (depending on the block used). With its high temperature uniformity, fast heating rate and excellent mixing results the LLG-uniTHERMIX is perfect for the incubation of samples of any kind, in particular for Life Science applications, e.g. Enzyme reactions, transformations, denaturation of DNA and RNA.



Example:



For blocks please see page 2

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Thermo Shaker LLG-uniTHERMIX 1 and 2

Specifications

Temperature control:

± 0.5 °C (at 20 to 45 °C)

Uniformity:

± 0.5 °C (at 20 to 45 °C)

Max. heating rate: 5.5 °C/min

Max. cooling rate

(LLG-uniTHERMIX 2 only):

5 °C/min (100 °C to RT)

0.5 °C/min (below RT)

Speed range: 300 to 1500 rpm

Orbit: 3 mm

Display: LCD

Programs: 6 stages, 9 programs

Timer: 1 to 99 min or continuous

Capacity: 1 exchangeable block*

Dimensions (W x D x H):

200 x 235 x 120 mm

Weight: 7.3 kg

Electrical heating/cooling power: 200 W

Power supply: 220 - 240 V, 50/60 Hz

| Type | PK | Cat. No. |
|--------------------------------|----|------------------|
| LLG-uniTHERMIX 1, with EU-plug | 1 | 6.263 470 |
| LLG-uniTHERMIX 1, with UK-plug | 1 | 6.263 471 |
| LLG-uniTHERMIX 2, with EU-plug | 1 | 6.263 472 |
| LLG-uniTHERMIX 2, with UK-plug | 1 | 6.263 473 |

*Please order separately.



Heating blocks

for Thermo Shaker LLG-uniTHERMIX 1 and 2

| Type | PK | Cat. No. |
|---|----|------------------|
| 96 well PCR plates non-skirted, 0.2 ml tubes* | 1 | 6.263 474 |
| 96/384 micro plate* | 1 | 6.263 480 |
| 24 tubes, 0.5 ml* | 1 | 6.263 475 |
| 24 tubes, 1.5 ml* | 1 | 6.263 476 |
| 24 tubes, 2.0 ml* | 1 | 6.263 477 |
| 8 tubes, 5 ml | 1 | 6.263 481 |
| 8 tubes, 15ml, max. 800 rpm | 1 | 6.263 478 |
| 4 tubes, 50ml, max. 600 rpm | 1 | 6.263 479 |

*with lid

Suitable tubes for LLG-uniTHERMIX 1 and 2

LLG-Centrifuge Tubes economy, PP

- Autoclavable at 121 °C and freezable to -80 °C
- DNase and RNase free, aseptic

| Form | Capacity ml | Height mm | PK | Cat. No. |
|----------|-------------|-----------|-----|------------------|
| conical | 15 | 119.6 | 500 | 6.270 403 |
| conical | 50 | 113.9 | 500 | 6.270 404 |
| with rim | 50 | 116.5 | 500 | 6.270 405 |

LLG-Microcentrifuge tubes, PP

- Certified DNase-, RNase- and pyrogen free

| Form | Volume ml | PK | Cat. No. |
|---------|-----------|------|------------------|
| conical | 0.5 | 1000 | 9.409 023 |
| conical | 1.5 | 1000 | 9.409 024 |
| round | 2.0 | 1000 | 9.409 025 |

