



HERMES LabSystems presents
the **LLG Premium Line** -
selected products
from **renowned** manufacturers
with **outstanding** quality
made in **Germany**.



The **Hei-PLATE**
LLG Premium
Silver 1 Package



With the **LLG-Premium Line**, HERMES LabSystems offers outstanding products from renowned manufacturers and propose them as a premium purchase recommendation. The well-established manufacturers guarantee the highest quality Made in Germany and long-lasting trouble-free products.



Two strong partners **for your laboratory.**

The **Hei-PLATE**
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safe

- No unintentional heating thanks to separate On/Off-button for the heating function
- A flashing light signals the residual heat and thus effectively warns against burns even after the heating function has been switched off
- If the hotplate fails, the stirring process is not interrupted - this prevents overheating of the sample
- Overheating protection by a safety circuit that switches off heating if the temperature sensor is not immersed in the media vessel

flexible

- Infinitely variable speed between 100 and 1400 RPM
- Stepless temperature adjustment from 20° to 300° C
- Numerous attachment packages and extensive range of accessories



Made in Germany

The Heidolph **Hei-Tec** in the LLG Premium Set with temperature sensor

Hei-Tec is the classic model among magnetic stirrers. It enables users to gently stir up to 1,400 rpm and to heat up to a temperature of 300°C with a high degree of precision. These features, along with its robust construction and sophisticated functionalities such as key illumination, encompass our mantra of "Research made easy!"

The patented Kera-Disk® surface made of anodised aluminium is chemical-resistant, scratch-proof and has a diameter of 145 mm. This unique size makes it suitable for use with many accessories and samples on a small footprint.

The material used also enables the fastest heating times.

The Hei-Tec magnetic stirrer provides a digital display for setting your desired temperature exactly to the degree. This precise temperature without overshooting is controlled by two selectable heating modes (FAST/PRECISE) and the optional external temperature sensor Pt1000

In addition, there are of course a number of other accessories as system solutions, for example for the replacement of oil baths (Heat On), for parallel reactions or also for the revolutionization of reflux reactions (Findenser™).

Everything from one source for efficient work!

strong

- Reinforced stirrer magnet – enables the easy mixing of up to 20 litres
- Clearly shorter process times. The high heating power of 800 W enables 35 % faster heating times compared to conventional magnetic stirrers with 600 Watt
- Maximum temperature up to 300° C

robust

- Chemical-resistant and scratch-proof surface due to ultra-thin ceramic coating (Kera-Disk®)
- Sealed housing with corrosion-protected electronics significantly extends the life time of the unit
- Fire-resistant die-cast housing - no damage to the device even at the highest temperatures
- 10 years average service life and 3 years warranty



Magnetic stirrer **Hei-Plate** LLG Premium Silver 1 package

The package includes:

- Magnetic stirrer Hei-Tec
- Temperature sensor Pt1000 (V4A)
- Holder for Pt1000 (contains supporting rod and holder with cable duct)



Special price

899,- EUR VAT excl. Price valid until 31.08.2022

Technical data	Cat. No. 6.319 733
Analogue / digital interface	-
Permissible ambient conditions	5 - 31 °C at 80 % rel. humidity 32 - 40 °C linearly decreasing up to max 50% rel. humidity
Weight	2,9 kg
Protection class DIN EN 60529	IP 32
Motor	EC Motor
Display	digital
Speed range	100 - 1.400 r/min
Max. Stirring quantity (H ₂ O)	20 l
Dimensions (W/D/H)	173 x 277 x 94 mm
Speed accuracy	±2 %
Heating power 800 W	800 W
Temperature range heating plate	20 - 300 °C
Temperature range medium	max. 250 °C
Temperature setting accuracy	±1 °C
Sensor connection	Pt1000
Control accuracy with sensor in medium	±1 °C
Sensor breakage protection	with Pt1000
Heating control	Micro-Controller
Setting accuracy heating plate	±5 °C
Residual heat warning	yes
Safety circuit heating plate	25 °C above heating plate temperature
Max. load Max. load	25 kg
Energy consumption	820 W
Plate diameter ø	145 mm
Plate material	Kera-Disk® (Silumin with ceramic coating)
Operating mode	Continuous operation
Soft start	yes