



# The first address for laboratory hotplates

## SLK 12

### The new laboratory hotplate SLK 12 - Optimized for all-round use

The new laboratory hotplate SLK 12 with its pronounced characteristics meets high demands in quality and robustness. Even in very rough environments one can count on its dependability.

- ▶ The pore-free glass-ceramics surface (easy-to-clean) is highly resistant against chemical influences and temperature fluctuations.
- ▶ The glass-ceramics surface has a high infrared permeability and hence is exceptional economic saving energy and time.
- ▶ The heating surface is throughout planar and offers not heated border areas. This allows the vessel to be heated partially or completely removed off the hotplate.
- ▶ High-quality, unpainted and nonsensitive stainless steel casing.
- ▶ Heating area with two zones (230 V) for small and bigger vessels.
- ▶ Indicator LED for residual heat for safe operation.
- ▶ An optional compressed air connection allows operation in highly aggressive environment.



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## Technical characteristics\*

### Laboratory hotplate SLK 12

CE Mark:	Electromagnetic compatibility according to Council Directive 2004/108/EEC; low-voltage directive according to Council Directive 2006/95/EEC.
Country of origin:	Germany
Display:	1 LED for operating mode display, Ø 6 mm 1 LED for residual heat display, Ø 6 mm
Mains connection:	Mains cable with safety plug for 230 Volts version Mains cable with US plug for 115 Volts version
Safety measure:	Device of Protection Class I, manufactured and tested in accordance with safety measures for electric devices; not suitable for use in explosive environments.
Power supply:	Mains: 115 or 230 V~, 50 / 60 Hz
Casing material:	Frame: stainless steel, base plate: stainless steel
Climate:	Ambient temperature: + 10 ... + 40 °C for operation and storage Atmospheric humidity: in accordance with EN 61 010, Part 1: maximum relative humidity 80 % for temperatures up to 31 °C, decreasing linearly to 50 % relative humidity at a temperature of 40 °C

\*State 20. December 2011

### SI Analytics hotplates at a glance:

Technical Data	SLK 12, 230 Volts	SLK 12, 115 Volts
Measurements approx. W x H x D (mm)	330 x 73 x 300	330 x 73 x 300
Glass ceramics surface approx. W x D (mm)	330 x 300	330 x 300
Glass ceramics heating area approx. (mm)	Ø 110, Ø 180	Ø 180
Type of heating source	Infrared	Infrared
Heating power (W)	700, 1,700	1,600
Weight approx. (kg)	4.5	4.5
Surface temperature	max 550 °C	max 550 °C

### Bestellinformation:

Type No.	Order No.	Description
SLK12230	285416630	Laboratory hotplate SLK12/230V
SLK12115	285416620	Laboratory hotplate SLK12/115V

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