Premium Laboratory Equipment

Hei-Plate Mix n Heat Core

P/N: 036110200

In accordance with the motto "simply stir and heat", our entry-level model Hei-PLATE Mix 'n' Heat Core was designed with two rotary knobs to allow direct access to the two main functions. The speed and temperature are set using a scale. The maximum values are 1,400 rpm and 300 °C.

This magnetic stirrer is very easy to use and is equipped with the most important safety features. The large safety distance between the heating plate and the control elements, as well as the optical residual heat indicator at temperatures > 50 °C, protect against burns.

The heating function can be activated separately and is indicated by the LED button lighting up.

The patented Kera-Disk® footprint made of anodized aluminum, is chemical-resistant, scratch-proof, and has a diameter of 135 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.

Hei-Plate Mix n Heat Core - Technical Data

Overheat protection	–
Analog / digital interface	–
Permissible ambient conditions	5 – 31 °C up to 80 % rel. humidity, 32 – 40 °C up to 50 % rel. humidity (decreasing linearly)
Weight	3 kg
Protection class (EN 60529)	IP 42
Drive	EC-motor
Timer	–
Display	–
Rotation speed range	100 – 1.400 rpm
Max. stirring capacity (H₂O)	20 l
Power input	825
Temperature range	20 – 300 °C
Temperature measurement accuracy	-
Dimensions (w/d/h)	168 x 299 x 101 mm
Speed accuracy	± 2 %
Heating power	800
Accuracy temperature setting	–
External temperature sensor	EKT Hei-Con
Temperature accuracy hotplate	± 5 °C
Residual heat indicator	Yes
Max. Load	25 kg
Plate diameter ø	135 / 145 mm
Plate material	Kera-Disk® (Silumin with ceramic coating)
Operating Mode	continuous
Speed range	-
Overvoltage Category	II

Connection	L + N + PE
Acoustic pressure	< 50 dB (A)
Heating control	PID
Installation altitude	2,000 m
EMC class	B, Group 1
Protection class IEC 61140	I
Protection class IEC 60529	-
Usable Surface heating plate	-
Degree of pollution	-
Temperature measurement resolution	-
Rated Voltage	-