heidolph
research made easy

Hei-PLATE Mix 'n' Heat Core (135 mm)
Technical datasheet



Dimensions (W × H × D)	168 × 101 × 299 mm
Usable surface heating plate	∅ 135 mm
Weight	approx. 3 kg
Maximum permissible load	25 kg
Drive	EC motor, left-turning
Speed range	100 – 1,400 rpm
Heating power	800 W at 230 V (EU); 600 W at 115 V (US)
Heating temperature range	20 – 300 °C
Heating control	PID
Temperature measurement accuracy	n.a.
Temperature measurement resolution	n.a.
Display	n.a.
Protection class (EN 60529)	IP42
Acoustic pressure	< 50 db(A)
Rated voltage	230 V, 50/60 Hz (EU); 115 V, 50/60 Hz (US
Connection	L+N+PE
Protection Class	I
Overvoltage category	II

Degree of pollution	2
Power input	Normal operation 230 V: 825 W (EU); Normal operation 115 V: 625 W (US); Standby mode: 1.7 W
EMC class	B, Group 1
Operating temperature	5 °C – 31 °C at up to 80 % rel. humidity 32 °C – 40 °C at up to 50 % rel. humidity (decreasing linearly)
Installation altitude	up to 2,000 m asl
Indication/measurement range	-80 – 350°C (with temperature control unit EKT Hei-Con)