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Hei-PLATE Mix 'n' Heat Expert (145 mm)
Technical datasheet



Dimensions (W × H × D)	168 × 106 × 299 mm
Usable surface heating plate	∅ 145 mm
Weight	approx. 3 kg
Maximum permissible load	25 kg
Drive	EC motor, counterclockwise/clockwise rotating
Speed range	100 – 1,400 rpm, setting accuracy 1 rpm
Heating power	800 W at 230 V (EU); 600 W at 115 V (US)
Heating temperature range	20 – 350 °C, setting accuracy 1 K
Heating control	PID
Temperature measurement accuracy	Operation with external temperature measuring sensor Pt1000: ±0.2 K, plus tolerance Pt1000
Temperature measurement resolution	0.1 K
Display	2× TFT display
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) / 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 (linearly reducing)
Installation altitude	up to 2,000 m asl
Indication/measurement range	-40 – 385°C (with temperature sensor Pt1000)