

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

Technical datasheet



Dimensions (W × H × D)	168 × 106 × 299 mm
Usable surface heating plate	Ø 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)