

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

### Technical datasheet



<b>Dimensions (W × H × D)</b>	168 × 106 × 299 mm
<b>Usable surface heating plate</b>	Ø 145 mm
<b>Weight</b>	approx. 3 kg
<b>Maximum permissible load</b>	25 kg
<b>Drive</b>	EC motor, counterclockwise/clockwise rotating
<b>Speed range</b>	100 – 1,400 rpm, setting accuracy 1 rpm
<b>Heating power</b>	800 W at 230 V (EU); 600 W at 115 V (US)
<b>Heating temperature range</b>	20 – 350 °C, setting accuracy 1 K
<b>Heating control</b>	PID
<b>Temperature measurement accuracy</b>	Operation with external temperature measuring sensor Pt1000: ±0.2 K, plus tolerance Pt1000
<b>Temperature measurement resolution</b>	0.1 K
<b>Display</b>	2× TFT display
<b>Protection class (EN 60529)</b>	IP42
<b>Acoustic pressure</b>	< 50 db(A)
<b>Rated voltage</b>	230 V, 50/60 Hz (EU); 115 V, 50/60 Hz (US)
<b>Connection</b>	L+N+PE
<b>Protection Class</b>	I
<b>Overvoltage category</b>	II

<b>Degree of pollution</b>	2
<b>Power input</b>	Normal operation 230 V: 825 W (EU) / 115 V: 625 W (US) Standby mode: 1.7 W
<b>EMC class</b>	B, Group 1
<b>Operating temperature</b>	5 °C–31 °C at up to 80% rel. humidity, 32 °C–40 °C at up to 50% rel. humidity (linearly reducing)
<b>Installation altitude</b>	up to 2,000 m asl
<b>Indication/measurement range</b>	-40 – 385°C (with temperature sensor Pt1000)