

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

Technical datasheet



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| Dimensions (W × H × D) | 168 × 101 × 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 |

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|------------------------------|---|
| 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 |