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# Hei-PLATE Mix 'n' Heat Core+ (145 mm)
# **Technical datasheet**



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|---|---|
| **Dimensions (W × H × D)** | 168 × 101 × 299 mm |
| **Usable surface heating plate** | ∅ 145 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** | ±0.2 K, plus tolerance PT1000 |
| **Temperature measurement resolution** | 1 K |
| **Display** | LCD 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); Normal operation 115 V: 625 W (US); Standby mode: 1.7 W |
| **EMC class** | B, Group 1 |
| **Operating temperature** | 5 °C – 31 °C up to 80 % rel. humidity; 32 °C – 40 °C up to 50 % rel. humidity (decreasing linearly) |
| **Installation Altitude** | up to 2,000 m asl |
| **RS232** | NO |
| **Indication/measurement range** | 15 – 325°C (with temperature sensor Pt1000) |