

## Hei-PLATE Mix 'n' Heat Expert (135 mm)

### Technical datasheet



|   |   |
|---|---|
| <b>Dimensions (W × H × D)</b>             | 168 × 106 × 299 mm  |
| <b>Usable surface heating plate</b>       | Ø 135 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<br>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)<br>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)  |