

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



|   |  |
|---|--|
| <b>Dimensions (W × H × D)</b>             | 168 × 101 × 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, left-turning                     |
| <b>Speed range</b>                        | 100 – 1,400 rpm                            |
| <b>Heating power</b>                      | 800 W at 230 V (EU); 600 W at 115 V (US)   |
| <b>Heating temperature range</b>          | 20 – 300 °C                                |
| <b>Heating control</b>                    | PID  |
| <b>Temperature measurement accuracy</b>   | ±0.2 K, plus tolerance PT1000              |
| <b>Temperature measurement resolution</b> | 1 K  |
| <b>Display</b>                            | LCD 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); Normal operation 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 up to 80 % rel. humidity; 32 °C – 40 °C up to 50 % rel. humidity (decreasing linearly) |
| <b>Installation altitude</b> | up to 2,000 m asl   |