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T 25 easy clean control Solution

/// Data Sheet

The T 25 easy clean control is a high-performance dispersing instrument with electronic speed control from 3,000 - 25,000 rpm for working volumes of 1 - 2,000 ml (H₂O). The new tool S 25 EC-T-C-25G allows temperature measurement and operation time detection through RFID. Sample overheating is prevented by continuous temperature monitoring and the setting of temperature limits. The detection of operation time serves to guarantee regular maintenance.

- Continuous temperature measurement with patented temperature sensing tool including an integrated temperature sensor



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- Operation time detection through RFID
- Quick and easy cleaning of the easy clean dispersing tools, no disassembling required
- Brushless motor guarantees dust-free and silent operation
- USB interface for control and documentation via labworldsoft®
- Timer/counter function
- Increased safety through tool recognition and IP-class
- Remote control with WiCo (not incl. with delivery)

All S 25 tools are compatible with T 25 easy clean control.

The T 25 easy clean control Solution provides a complete solution to start your homogenisation journey, complete with a dispersing tool, shaft and stand, ideal for applications in industries working in ambient conditions that require a high degree of hygiene and compliance. This solution is also extremely versatile and suitable for use for a wide range of industries such as chemicals, cosmetics, pharmaceuticals, agriculture and more, especially in applications involving heat-sensitive products and requiring automation, device-to-device communication and data logging.

Scope of delivery

- T 25 easy clean control ULTRA-TURRAX®
- S 25 EC - T - C - 25 G Dispersing tool
- R 1826 Plate stand
- R 182 Boss head clamp



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Technical Data

| | |
|--|----------------|
| Motor rating input [W] | 500 |
| Motor rating output [W] | 400 |
| Volume range (H ₂ O) [l] | 0.001 - 2 |
| Viscosity max. [mPas] | 5000 |
| Speed range [rpm] | 3000 - 25000 |
| Speed deviation [%] | 2 |
| Speed adjustment | stepless |
| Speed display | LED |
| Noise without element [dB(A)] | 70 |
| Motor principle | Brushless DC |
| Extension arm diameter [mm] | 13 |
| Extension arm length [mm] | 160 |
| Process type | batch |
| Temperature display | yes |
| Temperature measuring range [°C] | 0 - 125 |
| Temperature measurement resolution [K] | 0.1 |
| Accuracy of temperature measurement [K] | ±1 |
| Timer | yes |
| Timer display | LED |
| Permissible ON time [%] | 100 |
| Dimensions (W x H x D) [mm] | 89 x 270 x 161 |
| Weight [kg] | 3 |
| Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative humidity [%] | 80 |
| Protection class according to DIN EN 60529 | IP 30 |
| USB interface | Micro-USB |
| Voltage [V] | 220 - 240 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 500 |