



designed for scientists



T 25 easy clean control ULTRA-TURRAX®

/// 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-18G-ST allows temperature measurement and operation time detection through RFID. Device overheating is prevented by continuous temperature monitoring and the setting of temperature limits. The detection of operation time serves to guarantee regular maintenance.

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



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Key features in overview

- Continuous temperature measurement with S 25 EC-T-C-18G-ST tool including an integrated temperature sensor
- 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)

The dispersing tool is not included in the scope of delivery.





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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 | yes |
| Voltage [V] | 220 - 240 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 500 |