

IKA

designed for scientists



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-18G-ST 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

- 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 - C - 25 G Dispersing tool
- R 1826 Plate stand
- R 182 Boss head clamp

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