



T 25 mini control ULTRA-TURRAX®

/// Data Sheet

The T 25 mini control is a high-performance dispersing instrument with a wide speed range of 600 - 25,000 rpm for working volumes of up to 1.5 liters (H20). It enables the user to work at high circumferential speeds even with small rotor diameters. The compact design of this disperser allows for operation in the tightest of spaces. A large TFT display ensures easy readability from a greater distance, even from outside a fume hood. This setup is best suited for simple applications homogenizing samples with low viscosity.

A broad choice of dispersing elements guarantee a wide range of applications for efficient emulsification, homogenization, dispersing and suspending as well as reduction of particle sizes to the micrometer range.

www.ika.com Subject to technical changes





- Digital speed display and adjustment
- Brushless motor for improved motor lifetime, quieter operation and more hygienic applications
- Timer function for unattended operation
- Dispersing elements: stainless steel option with a high chemical resistance or plastic options that come in two sizes
- Quick insert for easy change of dispersing elements for convenient cleaning and maintenance
- USB interface for remote control and parameter documentation with the IKA labworldsoft® software

Unique from IKA:

A patented temperature sensing function on specialized dispersing tools allows for real-time sample temperature measurement and safety temperature setting to protect heat-sensitive samples from degradation.

All S 25 dispersing tools (max size: 18 mm) and accessories are compatible with the T 25 mini control. The dispersing tool is not included in the scope of delivery.





Technical Data

Motor rating output [M] 160 Volume range (H2O) [I] 0.001 - 1.5 Viscosity max. [mPas] 2000 Speed adjustment 3 Speed display EED Noise without element [dB(A)] 75 Motor principle Brushless DC Extension arm diameter [mm] 13 Extension arm diameter [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] 100 Dimensions (W x H x D) [mm] 66 x 186 x 100 Permissible ON time [%] 100 Dimensions (W x H x D) [mm] 66 x 186 x 100 Weight [kg] 9 a Protection class according to DIN EN 60529 IP 30 Protection class according to DIN EN 60529 IP 30 Protection class according to DIN EN 60529 IP 30 Protection class according to DIN EN 60529 IP 30 Protection class according to DIN EN 60529 IP 30 Prefes	Motor rating input [W]	210
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USB interfaceyesBluetooth interfaceyesWiFi InterfaceyesEthernet interfaceyesVoltage [V]100 - 240Frequency [Hz]50/60Power input [W]210Power input max. [W]250Power input standby [W]3DC Voltage [V=]48	Protection class according to DIN EN 60529	IP 30
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Power input max. [W] 250 Power input standby [W] 3 DC Voltage [V=] 48	Frequency [Hz]	50/60
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DC Voltage [V=] 48	Power input max. [W]	250
	Power input standby [W]	3
Current consumption [mA] 4500	· · ·	48
	Current consumption [mA]	4500

