



designed for scientists



T 65 digital ULTRA-TURRAX®

/// Data Sheet

Extremely powerful dispersing instrument for volumes from 2 - 50 l (H₂O) for typical pilot plant stations with digital speed display. It offers a wide speed range from 1000 – 9,500 rpm that enables users to work at high circumferential speeds even with small rotor diameters. Three rotor-stator configurations guarantee a wide range of applications. Reproducible operations due to constant speed even with changes in viscosities.

- Digital speed display
- Electronic speed control
- Electronic overload protection



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- Plug-in connectors facilitate exchange of dispersing elements
- Optional stainless steel dispersing elements for use under vacuum and pressure
- Error code display
- Mains cable (2.5 m) and SI 400 safety switch are available as accessories (not included with delivery)

The device requires a 3-phase electricity supply in order to operate. The connection of the unit to the power supply must be done by a qualified electrician. Wiring diagrams are included in the manual for reference.

Scope of delivery

- T 65 digital ULTRA-TURRAX®
- Rotor wrench
- Hook wrench
- Shaft wrench
- Cable gland for switch cable (2 pcs.)
- Hexagon L-wrench



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Technical Data

Motor rating input [W]	2600
Motor rating output [W]	2200
Volume range (H ₂ O) [l]	2 - 50
Viscosity max. [mPas]	5000
Speed range [rpm]	1000 - 9500
Speed deviation [%]	3
Speed adjustment	stepless
Speed display	7 segment LED
Noise without element [dB(A)]	75
Process type	batch
Dimensions (W x H x D) [mm]	300 x 420 x 400
Weight [kg]	35
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 54
Voltage [V]	3 x 400
Frequency [Hz]	50/60
Power input [W]	2600