



designed for scientists



T 65 basic ULTRA-TURRAX®

/// Data Sheet

Extremely powerful dispersing instrument for volumes from 2 - 50 l (H₂O) for typical pilot plant stations. A fixed speed of 7200 rpm enables users to work at a high circumferential speed 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.

- Electronic overload protection
- Plug-in connectors facilitate exchange of dispersing elements
- Optional stainless steel dispersing elements for use under vacuum and pressure



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- 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.





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Technical Data

| | |
|--|-----------------|
| Motor rating input [W] | 2200 |
| Motor rating output [W] | 1800 |
| Volume range (H ₂ O) [l] | 2 - 50 |
| Viscosity max. [mPas] | 5000 |
| Speed max. [rpm] | 7200 |
| Noise without element [dB(A)] | 75 |
| Process type | batch |
| Dimensions (W x H x D) [mm] | 185 x 450 x 400 |
| Weight [kg] | 26 |
| Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative humidity [%] | 80 |
| Protection class according to DIN EN 60529 | IP 54 |
| Voltage [V] | 3 x 230 |
| Frequency [Hz] | 60 |
| Power input [W] | 2200 |