



designed for scientists



## T 25 digital ULTRA-TURRAX®

/// Data Sheet

High-performance dispersing instrument for volumes from 1 – 2000 ml (H<sub>2</sub>O) with digital speed display. It offers a wide speed range from 3000 – 25,000 rpm that enables users to work at high circumferential speeds even with small rotor diameters. A broad choice of dispersing elements adds versatility. Applications ranges from homogenizing waste water samples, use in laboratory reactors, dispersion tasks under vacuum / pressure and sample preparation in medical research.

- Digital speed display
- Electronic speed control



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- Electronic overload protection
- Stainless steel dispersing elements can be cleaned quickly and easily
- Plastic disposable dispersing elements are available in two sizes
- Error code display
- Quiet operation

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



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### Technical Data

|  |  |
|--|--|
| Motor rating input [W]                     | 800  |
| Motor rating output [W]                    | 500  |
| Volume range (H <sub>2</sub> O) [l]        | 0.001 - 2  |
| Viscosity max. [mPas]                      | 5000   |
| Speed range [rpm]                          | 3000 - 25000   |
| Speed deviation [%]                        | 1  |
| Speed display                              | LED  |
| Speed adjustment                           | stepless   |
| Noise without element [dB(A)]              | 75   |
| Extension arm diameter [mm]                | 13   |
| Extension arm length [mm]                  | 160  |
| Process type                               | batch  |
| Permissible ON time [%]                    | 100  |
| Dimensions (W x H x D) [mm]                | 87 x 271 x 106   |
| Weight [kg]                                | 2.5  |
| Permissible ambient temperature [°C]       | 5 - 40   |
| Permissible relative humidity              | 80% (up to 31°C), decreasing linearly to max. 50 (@40°C) |
| Protection class according to DIN EN 60529 | IP 20  |
| Voltage [V]                                | 220 - 240  |
| Frequency [Hz]                             | 50/60  |
| Power input [W]                            | 800  |