



designed for scientists



## T 50 digital ULTRA-TURRAX®

/// Data Sheet

Powerful dispersing instrument for volumes from 0.25 - 30 l (H<sub>2</sub>O) with digital speed display. It offers a wide speed range from 500 – 10,000 rpm that enables users to work at high circumferential speeds even with small rotor diameters. A broad choice of dispersing elements guarantees 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
- Stainless steel dispersing elements can be cleaned quickly and easily



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- Smooth start
- Error code display





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## Technical Data

|                                            |                       |
|--------------------------------------------|-----------------------|
| Motor rating input [W]                     | 1100                  |
| Motor rating output [W]                    | 700                   |
| Volume range (H <sub>2</sub> O) [l]        | 0.25 - 30             |
| Viscosity max. [mPas]                      | 5000                  |
| Speed range [rpm]                          | 600 - 10000           |
| Speed deviation [%]                        | 1                     |
| Speed control                              | stepless              |
| Speed display                              | LED                   |
| Noise without element [dB(A)]              | 72                    |
| Extension arm diameter [mm]                | 16                    |
| Extension arm length [mm]                  | 220                   |
| Process type                               | batch                 |
| Permissible ON time [%]                    | 100                   |
| Dimensions (W x H x D) [mm]                | 115 x 355 x 139       |
| Weight [kg]                                | 5.76                  |
| Permissible ambient temperature [°C]       | 5 - 40                |
| Permissible relative humidity [%]          | 80                    |
| Protection class according to DIN EN 60529 | IP 20                 |
| Voltage [V]                                | 220 - 240 / 100 - 120 |
| Frequency [Hz]                             | 50/60                 |
| Power input [W]                            | 1100                  |