



designed for scientists



T 18 digital ULTRA-TURRAX®

/// Data Sheet

Competitively priced dispersing instrument for volumes from 1 – 1500 ml (H₂O) 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 guarantees a wide range of applications.

- Digital speed display
- Electronic speed control
- Electronic overload protection
- Stainless steel dispersing elements can be cleaned quickly and easily



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- Plastic disposable dispersing elements are available in two sizes
- Error code display
- Quiet operation



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Technical Data

| | |
|--|--|
| Motor rating input [W] | 500 |
| Motor rating output [W] | 300 |
| Volume range (H ₂ O) [l] | 0.001 - 1.5 |
| Viscosity max. [mPas] | 5000 |
| Speed range [rpm] | 3000 - 25000 |
| Speed deviation [%] | 1 |
| Speed adjustment | stepless |
| Speed display | LED |
| 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 ambient conditions | 80% (up to 31°C), decreasing linearly to max. 50 (@40°C) |
| Protection class according to DIN EN 60529 | IP 20 |
| Voltage [V] | 100 - 120 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 500 |