IKA

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

- 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 (H2O) [l]	0.001 - 1.5
Viscosity max. [mPas]	5000
Speed range [rpm]	3000 - 25000
Speed deviation [%]	1
Speed control	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 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]	500