

## Data Sheet

Crushing / Dispersers



### T 18 digital ULTRA-TURRAX®

Competitively priced dispersing instrument for volumes from 1 - 1500 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 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

Accessories: S 18 N - 10 G Dispersing element, S 18 N - 19 G Dispersing element, S 18 D - 10 G - KS Dispersing element (12 Pc), S 18 D - 14 G - KS Dispersing element (12 Pc), S 18 / 2 -ET 0 Disposable tube, R 182 Boss head clamp, RH 3 Strap clamp, R 1825 Plate stand, R 1826 Plate stand, R 1827 Plate stand, Silentstream, BC 1000 Beaker cap

#### Technical Data

Motor rating input [W]	500
Motor rating output [W]	300
Volume range min. (H <sub>2</sub> O) [l]	0.001
Volume range max. (H <sub>2</sub> O) [l]	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
Timer	no
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
RS 232 interface	no
Analog output	no
Voltage [V]	220 - 240 / 100 - 120
Frequency [Hz]	50/60
Power input [W]	500
<b>Ident. No.</b>	<b>0003720001</b>