

Data Sheet

Crushing / Dispersers



T 18 digital ULTRA-TURRAX®

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

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 ₂ O) [l] | 0.001 |
| Volume range max. (H ₂ 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 |
| Ident. No. | 0003720001 |