

Data Sheet

Crushing / Dispersers



T 10 basic ULTRA-TURRAX®

Small dispersing instrument for volumes from 0.5 - 100 ml (H₂O). It offers a wide speed range from 8000 - 30,000 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.

- Quick-connect coupling for changing dispersing elements easily
- Ideal for manual operation due to its light weight and ergonomic design
- Extremely mobile due to direct line power (no transformer required)
- Stainless steel dispersing elements can be cleaned quickly and easily as they can be dismounted without tools
- Plastic disposable dispersing elements are available in two sizes, particularly suitable for PCR analysis
- High performance drive ensures immense speed stability
- Quiet operation

Accessories: S 10 N - 8 G - ST Dispersing element, S 10 N - 10 G - ST Dispersing element, S 10 N - 5 G Dispersing element, S 10 N - 8 G Dispersing element, S 10 N - 10 G Dispersing element, S 10 D - 7G - KS - 65 Dispersing element, S 10 D - 7G - KS - 110 Dispersing element, H 44 Boss head clamp, R 200 Clamp, R 104 Stand

Technical Data

Motor rating input [W]	125
Motor rating output [W]	75
Volume range min. (H ₂ O) [l]	0.0005
Volume range max. (H ₂ O) [l]	0.1
Viscosity max. [mPas]	5000
Speed range [rpm]	8000 - 30000
Speed display	scale
Speed control	stepless
Noise without element [dB(A)]	65
Extension arm diameter [mm]	8
Extension arm length [mm]	100
Process type	batch
Power-on time ON [min]	10
Power-on time OFF [min]	5
Dimensions (W x H x D) [mm]	56 x 178 x 66
Weight [kg]	0.5
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 30
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	125

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