

Data Sheet

Crushing / Dispersers



T 25 digital ULTRA-TURRAX®

High-performance dispersing instrument for volumes from 1 - 2000 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 adds versatility. Applications ranges from homogenizing waste water samples, use in laboratory reactors, dispersion tasks under vacuum / pressure and sample preparation in medical diagnostics.

- 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 25 N - 8 G - ST Dispersing element, S 25 N - 10 G - ST Dispersing element, S 25 N - 18 G - ST Dispersing element, S 25 N - 25 G - ST Dispersing element, S 25 N - 8 G Dispersing element, S 25 N - 10 G Dispersing element, S 25 N - 18 G Dispersing element, S 25 N - 25 G Dispersing element, S 25 N - 25 F Dispersing element, S 25 NK - 19 G Dispersing element, S 25 KV - 18 G Dispersing element, S 25 KV - 25 G Dispersing element, S 25 KV - 25 F Dispersing element, S 25 D - 10 G - KS Dispersing element (10 pcs), S 25 D - 14 G - KS Dispersing element (10 pcs), 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

Technical Data

Motor rating input [W]	800
Motor rating output [W]	500
Volume range min. (H ₂ O) [l]	0.001
Volume range max. (H ₂ O) [l]	2
Viscosity max. [mPas]	5000
Speed range [rpm]	3000 - 25000
Speed deviation [%]	1
Speed display	LED
Speed control	stepless
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 moisture [%]	80
Protection class according to DIN EN 60529	IP 20
RS 232 interface	no
USB interface	no
Analog output	no
Voltage [V]	200 - 240 / 100 - 120
Frequency [Hz]	50/60
Power input [W]	800

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