

Data Sheet

Crushing / Dispersers



T 10 standard ULTRA-TURRAX® PCR Kit

Competitively priced dispersing instrument for volumes from 0.5 - 100 ml (H₂O) with special PCR kit. It offers a wide speed range from 8000 - 26,000 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 dismantled 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

Package includes the unit + clamp R 200 + storage case with dispersing elements S 10 D - 7 G - KS - 65 and S 10 D - 7 G - KS - 110 + set of 12 dispersing elements S 10 D - 7 G - KS - 65.

Technical Data	
Motor rating input [W]	125
Motor rating output [W]	75
Volume range min. (H ₂ O) [l]	0.001
Volume range max. (H ₂ O) [l]	0.1
Viscosity max. [mPas]	5000
Speed range [rpm]	8000 - 26000
Speed deviation [%]	6
Speed display	scale
Speed control	stepless
Noise without element [dB(A)]	65
Extension arm diameter [mm]	8
Extension arm length [mm]	100
Power-on time ON [min]	10
Power-on time OFF [min]	5
Timer	no
Dimensions (W x H x D) [mm]	63 x 210 x 57
Weight [kg]	0.4
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 30
RS 232 interface	no
Analog output	no
Voltage [V]	220 - 240 / 100 - 120
Frequency [Hz]	50/60
Power input [W]	125
Ident. No.	0004095500