

Dispersing Instrument, IKA®

T 10 basic ULTRA-TURRAX®

Dispersing instrument for volumes of 0.5 to 100 ml.

A wide speed range allows you to work at high circumferential speeds even with small rotor diameters.

- Maintains speed with various media due to high performance 125 Watt drive
- Ideal for manual operation due to its light weight and ergonomic form
- Extremely mobile due to direct line power (no transformer required)
- Stainless steel dispersing elements (5 mm, 8 mm and 10 mm diameter) can be cleaned quickly and easily as they can be dismantled without tools
- Plastic disposable dispersing elements in two sizes, particularly suitable for PCR analysis
- Quick-release coupling makes changing the dispersing elements easy

Supplied with:

- Clamp R 200
- Empty storage case (for drive T 10, clamp, dispersing elements and spare seals)

Technical data:

Motor rating input/output:	125/75 W
Volume range (H ₂ O):	0.5 – 100 ml
Speed adjustment:	stepless
Speed range:	8.000 – 30.000 rpm
Speed display:	scale
Dimensions (W × H × D):	46 × 201 × 57 mm
Weight:	0.4 kg
Permissible ambient temperature:	5 – 40°C
Permissible relative humidity:	80%
Protection class acc. to DIN EN 60529:	IP 30

Article	Order No.
① T 10 basic ULTRA-TURRAX®	10 36 03420

Dispersing elements for T 10 basic

Technical data:

Materials in contact with medium:	PTFE, AISI 316L
pH range:	2 – 13
Suitable for solvents:	yes
Suitable for abrasive substances:	yes
Max. temperature:	180°C
Sterilization methods:	all methods
Ultimate fineness, suspensions:	5 – 25 µm
Ultimate fineness, emulsions:	1 – 10 µm

Article	② S 10 N - 5 G	③ S 10 N - 8 G	④ S 10 N - 10 G
Working range	ml 0.5 – 10	1 – 50	1 – 100
Ø stator	mm 5	8	10
Ø rotor	mm 3.8	6.1	7.6
Gap between stator and rotor	mm 0.1	0.25	0.2
Min./max. immersion depth	mm 20 / 75	20 / 95	20 / 100
Installed length	mm 92	115	115
Order No.	10 36 03304	10 36 03305	10 36 03306

Plastic dispersing elements for T 10 basic

Plastic materials used approved by FDA.

Technical data:

Materials in contact with medium:	Polycarbonat (PC), Polysulfon (PSU)
Max. temperature:	100°C
Sterilization methods:	autoclavable

Article	⑤ S 10 D - 7 G - KS - 65	⑥ S 10 D - 7 G - KS - 110
Working range	ml 1 – 20	1 – 40
Ø stator	mm 7	7
Ø rotor	mm 4.8	4.8
Min./max. immersion depth	mm 20 / 50	20 / 90
Installed length	mm 65	110
Order No.	10 36 03307	10 36 03308
PU	pc/Pack 25	25

