

High-performance Dispersing Instrument, IKA®

T 25 digital ULTRA-TURRAX®

Dispersing instrument for volumes of 1 ml to 2.000 ml (H₂O).

The spectrum of applications ranges from homogenizing waste water samples to the use in laboratory reactors, to dispersion tasks under vacuum / pressure and sample preparation in medical diagnostics.

- Three types of shaft bearings
- Standard version with digital display
- Rotor-Stator configurations have thirty years of proven, guaranteed comparability of test results

Technical data:

Motor rating input/output:	500/300 W
Volume range (H ₂ O):	1 – 2.000 ml
Speed adjustment:	stepless
Speed range:	3.400 – 24.000 rpm
Speed display:	LED
Dimensions (W × H × D):	65 × 240 × 80 mm
Weight:	1.6 kg
Permissible ambient temperature:	5 – 40°C
Permissible relative humidity:	80%
Protection class acc. to DIN EN 60529:	IP 20

Article	Order No.
① T 25 digital ULTRA-TURRAX®	10 36 03565

Dispersing elements for T 25 digital

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

Article	② S 25 N - 8 G	③ S 25 N - 10 G	④ S 25 N - 18 G	⑤ S 25 N - 25 G	⑥ S 25 N - 25 F	S 25 NK - 19 G
Working range	ml 1 – 50	1 – 100	10 – 1500	50 – 2000	100 – 2000	25 – 1500
Ø stator	mm 8	10	18	25	25	19
Ø rotor	mm 6.1	7.5	12.7	17	18	12.7
Gap between stator and rotor	mm 0.25	0.35	0.3	0.5	0.5	0.3
Min./max. immersion depth	mm 27 / 85	22 / 85	40 / 165	40 / 165	40 / 165	40 / 165
Installed length	mm 108	105	194	194	194	194
Sterilization methods	all methods	all methods	all methods	all methods	all methods	wet chemical
Ultimate fineness, suspensions	10 – 50	10 – 50	10 – 50	15 – 50	5 – 25	10 – 50
Ultimate fineness, emulsions	1 – 10	1 – 10	1 – 10	1 – 10	1 – 5	1 – 10
Order No.	10 36 05939	10 36 05940	10 36 05941	10 36 05942	10 36 05943	10 36 05944

Plastic dispersing elements for T 25 digital

Incl. 1 Disposable tube. 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	⑦ S 25 D - 10 G - KS	⑧ S 25 D - 14 G - KS
Working range	ml 10 – 100	10 – 500
Ø stator	mm 10	14
Ø rotor	mm 6.75	9.5
Min./max. immersion depth	mm 15 / 85	15 / 85
Installed length	mm 150	150
Order No.	10 36 04522	10 36 04521
PU	pc/Pack 10	10

