



Homogeniser, T 50 digital ULTRA-TURRAX®  
IKA



- Stand model, volume range 250 to 30 000 ml
- Reproducible operation due to constant speed, even with changes in viscosities.
- Digital display for precise monitoring of set and actual speeds
  - Wide selection of dispersing tools to suit your application
  - Motor protected against overload
  - Smooth start
  - Error code display

Optional shaft 431-2961 enables the T 50 basic to be used as a high-speed stirrer.

IP protection class according to DIN EN 60529: IP 20

**Ordering information:** Dispersing elements and accessories must be ordered separately.

Model	T 50 digital
Volume H <sub>2</sub> O (ml)	250 - 30000
Max. viscosity (mPas)	5000
Speed range (min <sup>-1</sup> )	500 - 10000
Speed stability (%)	1
Speed adjustment	Stepless
Motor rating input/output (W)	1100/700
Display	LED
Sound level (dB(A))	72
WxDxH (mm)	115x139x355
Weight (kg)	5,76

Description	Pk	Cat. No.
T 50 digital ULTRA-TURRAX® homogeniser, UK-plug	1	431-0181

Description	Pk	Cat. No.
<b>Accessories</b>		
Disperser R 1402, Ø 42 mm	1	441-2993
Propeller R 1405, Ø 45 mm	1	441-2991
H-Stand, 460x420 mm, rod 34 mm Ø with height 1010 mm	1	431-9114
High-speed stirring shaft R 50	1	431-2961
Bosshead clamp, 34 mm Ø stand, 16 mm Ø extension arm	1	431-2907

Dispersing elements for homogenisers  
IKA



S 10 N - 10 G



S 25 KV - 25 G



S 50 N - G 45 M

Type N

Materials in contact with medium are PTFE and stainless steel AISI 316L, suitable for solvents and abrasive substances, can be sterilised by all methods, max. temperature 180 °C.

Type NK

Materials in contact with medium are PTFE and stainless steel AISI 316L, suitable for solvents and abrasive substances, can be sterilised by chemical methods, max. temperature 120 °C.

Type KV

Materials in contact with medium are FFPM/SIC and stainless steel AISI 316L, suitable for vacuum down to 1 mbar, pressure up to 6 bar and for solvents, can be sterilised by chemical methods, max. temperature 220 °C.

Type	For	Speed (m/s)	Stator/rotor Ø (mm)	Length (mm)	Volume (ml)	Pk	Cat. No.
S 10 N - 5 G	T 10 basic	6	5 / 3,8	92	0,5 - 10	1	442-0300
S 10 N - 8 G	T 10 basic	9,6	8 / 6,1	115	1 - 50	1	442-0310
S 10 N - 10 G	T 10 basic	11,9	10 / 7,6	115	1 - 100	1	442-0312
S 18 N - 10 G	T 18 basic	9,4	10,0 / 7,5	108	1 - 100	1	431-2602

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