

Homogenisers

25 Digital ULTRA-TURRAX



- For volumes of 1 to 1200ml (H₂O)
 - The spectrum of applications ranges from homogenising waste water samples to the use in laboratory reactors, to dispersing tasks under vacuum/pressure and sample preparation in medical diagnostics
 - Three types of shaft bearings
 - Standard version with digital display
 - Rotar-Stator configurations have thirty years of proven, guaranteed compatibility of test results
- High performing dispersing instrument for volumes from 1 to 2,000mL (H₂O). The spectrum of applications ranges from homogenising waste water samples to use in laboratory reactors, to dispersion tasks under vacuum or pressure and sample preparation in medical diagnostics.

Product no

13300/20

Dispersing tools

Product no	Description
13300/21	1 to 50mL, 8mm diameter
13300/22	1 to 100mL, 10mm diameter
13300/23	10 to 1,000mL, 18mm diameter
13300/24	50 to 2,500mL, 25mm diameter
13300/25	100 to 2,000mL, 25mm diameter

Accessories

Product no	Description
13300/30	Plate stand, 560mm rod
13300/31	Plate stand, 800mm length x 16mm diameter
13300/32	Boss head
13300/33	Strap clamp
13300/34	Revolution counter

Technical specifications

Motor rating input/outputW	500/300
Volume range (H ₂ O), mL	1 to 2000
Max. viscosity, mPas	5,000
Speed range, rpm	6,500 to 24,000
Speed display	Scale
Noise without dispersing element,dB(A)	73
Dimensions (w x d x h), mm	65 x 80 x 240
Mass, kg	1.6
Electrical supply	230V, 50/60Hz

Disperser T50, basic Ultra-Turrax™

- Infinitely variable speed control, for continuous operation
- Reproducible operations due to constant speed even with viscosity changes
- Plug in connectors facilitate exchange of dispersing elements
- Electronic safety circuit and smooth start
- As standard, the T50 basic is equipped with a connection for the revolution counter
- Wide range of dispersing elements (not included in delivery)
- Agitator shaft R50 allows the use of the T50 basic as a “high-speed stirrer” (not included in delivery)

High performance dispersing instrument for volumes from 0.25 to 30L (H₂O).

Product no

13300/40

Dispersing tools

Product no	Description
13300/41	Dispersing tool, 0.5 to 20L, for coarse crushing
13300/42	Dispersing tool, 0.25 to 10L, for fine crushing
13300/43	Stirring shaft, converts T50 into a high stirrer, 700W & 10,000rpm Immersion depth 180mm, working volume 0.25 to 30L
13300/44	Propellor head for R50, 0.2 to 10L, 45mm diameter
13300/45	Dissolver head for R50, 1.0 to 30L, 42mm diameter
13300/46	H - stand, rod height 1,010mm
13300/47	Telescopic stand, 620 to 1,010mm length x 34mm diameter
13300/48	Boss head clamp
13300/49	Strap clamp
13300/50	Revolution counter

Technical specifications

Motor rating input/output,W	1,100/700
Volume range (H ₂ O), L	0.25 to 30
Max. viscosity, mPas	5,000
Speed adjustment	STEPLESS
Speed range, rpm	4,00 to 10,000
Speed stability, %	1
Speed display	Scale
Noise without dispersing element,dB(A)	72
Diameter/Length of extension arm, mm	16/220
Overload protection	Yes
Dimensions (w x d x h), mm	125 x 120 x 367
Mass, kg	6
Electrical supply	230V, 50/60Hz

