

Оборудование для диспергирования/ гомогенизации CARL ROTH ULTRA-TURRAX

Технические характеристики

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Казахстан (772)734-952-31

Киргизия (996)312-96-26-47

Dispersing/homogenising equipment



Dispersion unit ULTRA-TURRAX® complete set T 18 digital

IKA.

High-speed dispenser. A further speed range allows working at high circumference speeds.

ULTRA-TURRAX® T 18 digital dispersion unit:

- With digital speed display
- Compact, narrow shape

Technical specifications:

Art. No.	XX04.1
Type	T 18 digital ULTRA-TURRAX® complete set
Motor power input	500 W
Motor power output	300 W
Speed range	3000 to 25000 rpm
Speed display	LED
Speed adjustment	Continuously variable
W x D x H	87 x 106 x 271 mm
IP rating	20
Weight	2.5 kg
Mains connection	220–240 V, 50/60 Hz

Dispenser tool S 18 N-19 G

Technical data:

Working range	10 to 1500 ml
Ø stator	19 mm
Ø rotor	12.7 mm
Materials in contact with product	PTFE, AISI 316L

Delivery incl. ULTRA-TURRAX® T18 digital, extension rod and dispenser tool S 18 N - 19 G. Please order sleeve and stand separately.

Type	Art. No.	Pack Qty.	
T 18 digital ULTRA-TURRAX® complete set	XX04.1	1 unit(s)	

Dispersion tool ULTRA-TURRAX® for dispenser T 18 digital

IKA.

Technical specifications:

Art. No.	T598.1
Working range	1 to 100 ml
Ø Stator	10 mm
Ø Rotor	7.5 mm
Materials in contact with product	PTFE, AISI 316L

Dispenser tool S 18 N - 10 G

Designation	Art. No.	Pack Qty.	
S 18 N - 10 G	T598.1	1 unit(s)	



Dispersion unit ULTRA-TURRAX® T 25 digital

IKA.

High-performance dispenser with wide range of applications.

Applications:

Production of emulsions and dispersion, homogenisation of waste water sample and sample preparation.

- Processing volume (H₂O): 1 to 2000 ml
- Continuous speed adjustment
- **With digital speed display**

Technical specifications:

Art. No.	AN58.1
Type	T 25 digital ULTRA-TURRAX®
Motor power input	700 W
Motor power output	500 W
Speed range	3000 to 25000 rpm
Speed display	Digital
W x D x H	87 x 106 x 271 mm
Weight	2.5 kg
Mains connection	220–240 V, 50/60 Hz

Delivery incl. extension rod (L 175 x Ø 13 mm). Please order dispersion tool, sleeve and stand separately.

Type	Art. No.	Pack Qty.	
T 25 digital ULTRA-TURRAX®	AN58.1	1 unit(s)	



Dispersing/homogenising equipment



Dispersion unit ULTRA-TURRAX® T 25 easy clean digital

IKA.

Application:

Homogenising samples, emulsifying cosmetics or suspending paints.

- Processing volume (H₂O): 1 to 2000 ml
- Brushless motor with low noise level
- Continuous speed adjustment
- With digital speed display
- Integrated timer function (max. 1 s to 99:59 h)
- Special tools available for quick and easy cleaning of the dispersion tools (only S 25 EC-C-18G-ST)
- USB port

Technical specifications:

Art. No.	HYK7.1
Type	T 25 easy clean ULTRA-TURRAX®
Motor power input	500 W
Motor power output	400 W
Speed range	3000 to 25000 rpm
Speed display	LED
W x D x H	89 x 161 x 270 mm
Weight	4,5 kg
Mains connection	220–240 V, 50/60 Hz

Delivery incl. extension rod (L 175 x Ø 13 mm). Please order dispersion tool, sleeve and stand separately.

Type	Art. No.	Pack Qty.	
T 25 easy clean ULTRA-TURRAX®	HYK7.1	1 unit(s)	

Dispersion tool ULTRA-TURRAX® for T 25 easy clean digital

IKA.

Special tool for easier and faster cleaning of the dispersion tool.

Technical specifications:

Art. No.	HYK8.1
Type	S 25 EC-C-18 G-ST
Working range	10 to 1500 ml
Ø Stator	18 mm
Ø Rotor	13.4 mm
Gap width between stator and rotor	0.25 mm
Immersion depth	35-150 mm
Materials in contact with product	AISI 316L Ceramic
Temperature range	to +180 °C
Approx. emulsion fineness	1-10 µm
Approx. suspension fineness	10-50 µm

Type	Art. No.	Pack Qty.	
S 25 EC-C-18 G-ST	HYK8.1	1 unit(s)	

Dispersion tool ULTRA-TURRAX® for T 25 digital and T 25 easy clean digital

IKA.

Technical specifications:

Art. No.	AN59.1	AN60.1	AN61.1
Type	S 25 N - 8 G	S 25 N - 18 G	S 25 N - 25 G
Working range	1 to 50 ml	10 to 1500 ml	50 to 2000 ml
Ø Stator	8 mm	18 mm	25 mm
Ø Rotor	6.1 mm	12.7 mm	17 mm
Gap width between stator and rotor	0.25 mm	0.3 mm	0.5 mm
Immersion depth	27–85 mm	40–165 mm	
Materials in contact with product	PTFE, AISI 316L		
Temperature range	to +180 °C		
Approx. emulsion fineness	1–10 µm		
Approx. suspension fineness	10–50 µm		15–50 µm

Type	Art. No.	Pack Qty.	
S 25 N - 8 G	AN59.1	1 unit(s)	
S 25 N - 18 G	AN60.1	1 unit(s)	
S 25 N - 25 G	AN61.1	1 unit(s)	

Dispersing/homogenising equipment



High-performance dispersion unit ULTRA-TURRAX® T 50 digital

IKA.

Application

Producing emulsions and dispersions.

- Processing volume (H₂O): 0.25 to 20 l
- Constant speed even when viscosity changes
- With digital speed display

Technical specifications:

Art. No.	KNK5.1
Type	T 50 digital Ultra-Turrax®
Motor power input	1,100 W
Motor power output	700 W
Speed range	600 to 10000 rpm
Speed display	LED
W x D x H	115 x 355 x 139 mm
Weight	5,85 kg
Mains connection	220–240 V, 50/60 Hz

Delivery incl. extension rod (L 220 x Ø 16 mm). Please order dispersion tool, sleeve and stand separately.

Type	Art. No.	Pack Qty.
T 50 digital Ultra-Turrax®	KNK5.1	1 unit(s)

Dispersion tool for ULTRA-TURRAX® T 50 digital IKA.

Technical specifications:

Art. No.	KNK6.1	KNK7.1	KNK8.1
Type	S 50 N - G 45 F	S 50 N - G 45 M	S 50 N - G 45 G
Working range	0.25 to 10 l	0.5 to 15 l	0.5 to 20 l
Ø Stator	45 mm		
Ø Rotor	40 mm	40.5 mm	36 mm
Gap width between stator and rotor	0.5 mm	0.25 mm	0.5 mm
Materials in contact with product	PTFE, AISI 316L		
Temperature range	to +180 °C		
Approx. emulsion fineness	10-30 µm	25-50 µm	40-100 µm
Approx. suspension fineness	1-10 µm	5-20 µm	10-30 µm

Pic.	Type	Art. No.	Pack Qty.
(1)	S 50 N - G 45 F	KNK6.1	1 unit(s)
(2)	S 50 N - G 45 M	KNK7.1	1 unit(s)
(3)	S 50 N - G 45 G	KNK8.1	1 unit(s)

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