

IKA

designed for scientists

T 18 brushless digital ULTRA-TURRAX®

/// High performance disperser

IKA's ULTRA-TURRAX® homogenizers are high speed and high shear instruments that are used for dispersing, emulsifying or homogenizing. The new generation of the T 18 disperser comes with an upgraded housing design for increased robustness. The dispersing tools can be easily changed to accommodate a wide range of applications and to facilitate easy cleaning of the shafts after use.

NEW FEATURES

- > Brushless DC motor guarantees dust-free and quieter operation
- > USB interface for control and documentation via labworldsoft®
- > Timer function for unattended operation

NEW

Product features

- > Digital display for indication and adjustment of rotational speed
- > Various dispersing tools available to meet different application needs
- > Electronic overload protection



T 18 brushless digital

Ident. No. 0020102476

Technical data

Technical data	T 18 brushless digital
Motor rating input / output	400 / 300 W
Volume range (H ₂ O)	1 – 1500 ml
Viscosity max.	5000 mPas
Speed range	3000 – 25 000 rpm
Speed display	LED
Reversible direction of rotation	No
Timer function	Yes
Noise without element	70 dB(A)
Extension arm diameter	13 mm
Extension arm length	160 mm
Process type	Batch
Dimensions (W x H x D)	89 x 270 x 161 mm
Weight	3 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative humidity	80 %
Protection class according to DIN EN 60529	IP 30
USB interface	Yes

Further accessories
and information
can be found at
www.ika.com

Accessories



S 18 D - 10 G - KS
Disposable dispersing tool (12 pcs.)
Working range: 10 – 100 ml
Material: PC, PEEK
Ident. No. 0003452400



S 18 D - 14 G - KS
Disposable dispersing tool (12 pcs.)
Working range: 10 – 500 ml
Material: PC, PEEK
Ident. No. 0003452300



S 18 N - 19 G
Dispersing tool
Working range: 10 – 1500 ml
Material: PTFE, AISI 316L
Ident. No. L004640



S 18 N - 10 G
Dispersing tool
Working range: 1 – 100 ml
Material: PTFE, AISI 316L
Ident. No. L004639



R 182
Boss head clamp
Ident. No. 0002657700



RH 3
Strap clamp
Ident. No. 0003008600



R 1826
Plate stand
Ident. No. 0003160100

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