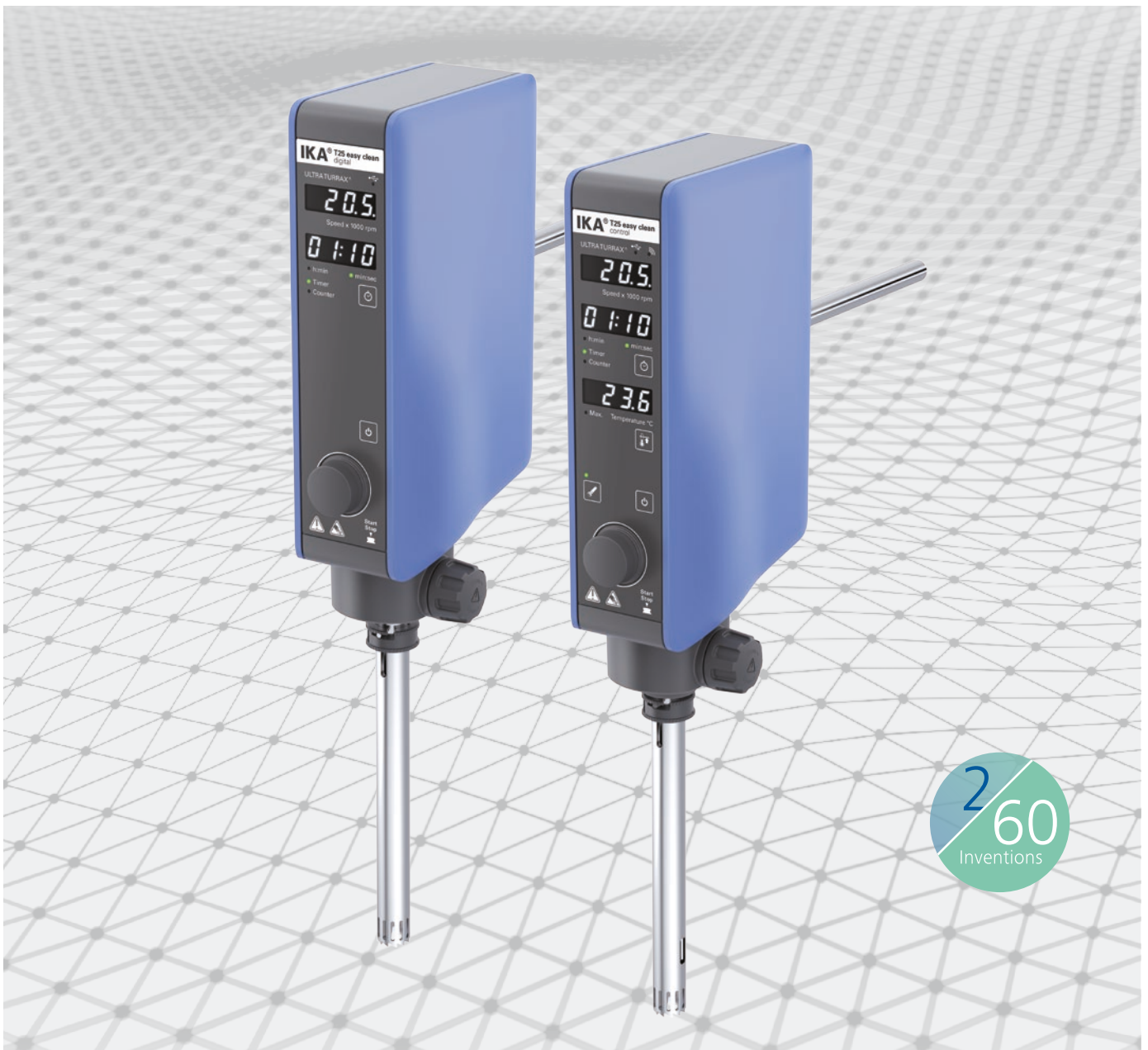# IKA

designed for scientists

2/60 Inventions

HIGH-PERFORMANCE DISPERSING |
T 25 easy clean digital and control

T 25 easy clean

/// The new dispersing experience

More quiet, clean and even remote controlled: The T 25 easy clean high-performance disperser in the digital and control versions will change your dispersing experience. These instruments hit the spot with electronic speed control from 3,000 – 25,000 rpm, a working volume of 1 – 2,000 ml (water), a long service life both for the drive and tools, as well as a wide range of dispersing tools to choose from. Medical samples are perfectly homogenised, cosmetics emulsified and paints suspended. Dispersion under vacuum or pressure is also possible in conjunction with an IKA laboratory reactor.

SCOPE OF DELIVERY

> User guide
> Extension arm
> Hexagon socket screw
> Screwdriver
> USB 2.0 cable
> Warranty card

T 25 easy clean digital
Ident. No. 0025002560

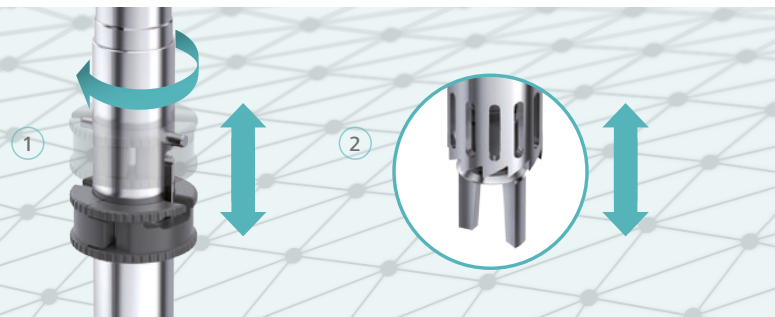All of the S 25 dispersing elements are suitable for the T 25 easy clean series.

Electronically commutated motor

IKA applies a new motor technology to the devices in the T 25 easy clean series: The brushless DC motor, with a noise level of 70 dB, ensures a significant noise reduction in the lab. It also allows carbon dust-free operation.

Easy cleaning

Easy clean means: The disperser is easily cleaned without disassembly, thanks to its manually extendable rotor.

Resistant surface

IKA developed a particularly resistant housing for the new disperser. The timer function for the easy-to-read display is another outstanding feature.

T 25 easy clean control
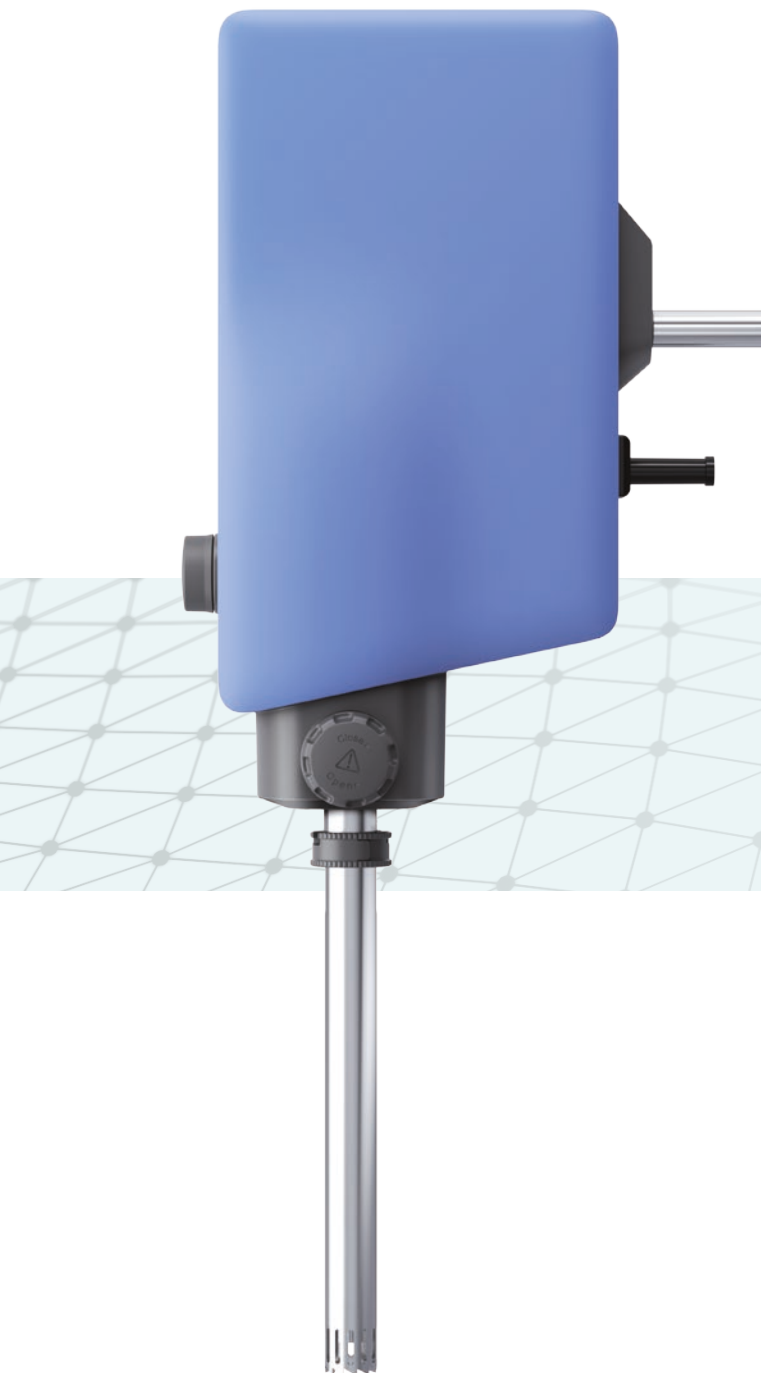Ident. No. 0025002500

Integrated temperature measurement

Yet another highlight is the patented, integrated temperature measurement in the T 25 easy clean control version.
The temperature sensor is integrated into the tool and thus enables the permanent monitoring of the medium temperature.

PATENTED
The temperature measurement integrated in the disperser is patented. Another patent for the wireless temperature measurement is pending.

Technical data T 25 easy clean digital and control

TECHNICAL DATA

Motor rating input	500 W
Motor rating output	400 W
Volume range min. (H_2O)	0.001 l
Volume range max. (H_2O)	2 l
Viscosity max.	5,000 mPas
Speed	Min. 3,000 rpm Max. 25,000 rpm
Speed deviation	2 %
Speed display	LED
Speed control	Stepless
Noise without tool	70 dB(A)
Extension arm diameter	13 mm
Extension arm length	160 mm
Process type	Batch
Timer	Yes
Interfaces	USB
Permissible ON time	100 %

GENERAL DATA

Weight	3.0 kg
Dimensions (W × H × D)	89 × 270 × 161 mm
Permissible ambient temperature	5 – 40 °C
Permissible relative humidity	80 %
Protection class according to DIN EN 60529	IP 30
Voltage	220 – 240 V
Frequency	50/60 Hz

Additional products

If required, the following IKA devices are available for your lab to enhance your T 25 easy clean disperser experience:

LR 1000 control
Laboratory Reactor
Ident. No. 0010001035

ICC control pro 12 c
Immersion circulator
Ident. No. 0010000417

Accessories T 25 easy clean digital and control

S 25 EC-C-18G-ST Dispersing tool

Cleaning status for easy clean: By turning and lowering the clamp, the shaft and rotor can be dropped until the whole rotor comes out of the stator. Working volume: 10 – 1,500 ml. Bearing with ceramic plain bearing. Suitable for solvents, sterilizable.
Ident. No. 0025002580.

S 25 KV - 25 F Dispersing tool

Working volume: 100 – 2,000 ml. For operation under vacuum. Bearing with ball bearing and mechanical sealing. Stator diameter: 25 mm. Immersion depth: 40 – 225 mm. Short-term working temperature: up to 220 °C. Suitable for vacuum and solvents, sterilizable.
Ident. No. 0002404000

TS 25-3 Cleaning tool

Cleaning tool in combination with the disperser T 25 digital, T 25 easy clean digital/control. Scope of delivery: one tube holder, three tubes and three caps.
Ident-Nr. 0020003013

Find more accessories on www.ika.com