

# IKA

designed for scientists

EN



## Disperser Complete Solutions

High Performance. Smart Price.

Disperser Complete Solutions



NEW

Whether you're working with heat-sensitive samples, tight spaces or demanding workflows, these solutions offer intelligent features, hygienic design and unmatched value. Each model comes as a ready-to-use package, so you can start operating immediately. No setup hassle, just results.

/// Budget-friendly

T 18 digital Solution

/// Affordable Performance for Everyday Tasks

A cost-effective disperser with digital control for basic homogenization in diverse lab settings.



**2,499.- EUR**  
Ident. No. 0009024700

- Package Components:
- › T 18 digital ULTRA-TURRAX®
  - › S 18 N - 19 G
  - › R 1826
  - › R 182

/// Flagship device for most purposes

T 25 digital Solution

/// The Classic Choice for Reliable Dispersion

Proven performance and simplicity for everyday homogenization tasks across industries.



**4,190.- EUR**  
Ident. No. 0010004858

- Package Components:
- › T 25 digital ULTRA-TURRAX®
  - › S 25 N - 25 G
  - › R 1826
  - › R 182

/// Compact, simple and smart

T 18 mini digital Solution

/// Smart Dispersion in a Small Package

Compact and economical with intuitive features for low-viscosity sample processing.

T 25 mini control Solution

/// Compact Power with Intelligent Control

Space-saving design with patented temperature sensing is ideal for sensitive samples and tight lab spaces.

**1,999.- EUR**

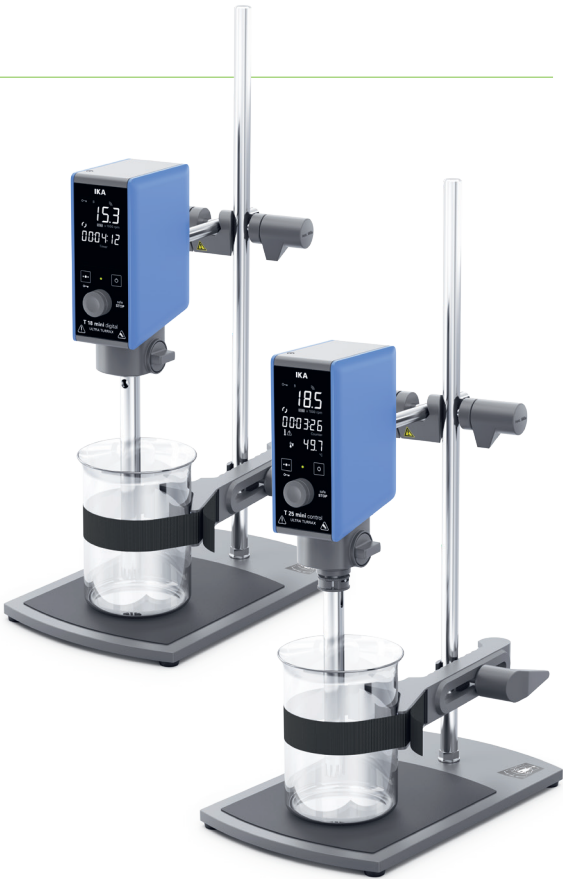
Ident. No. 0010015137

- Package Components:
- › T 18 mini digital ULTRA-TURRAX®
  - › S 18 N - 19 G
  - › R 1826
  - › R 182

**3,990.- EUR**

Ident. No. 0010015125

- Package Components:
- › T 25 mini digital ULTRA-TURRAX®
  - › S 25 EC - T - C - 18 G
  - › R 1826
  - › R 182



/// High-end for quiet and clean operation



T 18 brushless digital Solution

/// Silent Strength for Modern Labs

Brushless motor and USB connectivity deliver clean, quiet, and efficient dispersion.

**2,990.- EUR**  
Ident. No. 0010015148

- Package Components:
- › T 18 brushless digital ULTRA-TURRAX®
  - › S 18 N - 19 G
  - › R 1826
  - › R 182



T 25 easy clean digital Solution

/// Versatility Meets Digital Precision

A powerful disperser with digital control and broad tool compatibility for demanding lab applications.

**4,390.- EUR**  
Ident. No. 0010015161

- Package Components:
- › T 25 easy clean digital ULTRA-TURRAX®
  - › S 25 EC - C - 25 G
  - › R 1826
  - › R 182



T 25 easy clean control Solution

/// Smart Dispersion with Full Control

Advanced RFID and temperature monitoring for precise, hygienic homogenization in regulated environments.

**4,990.- EUR**  
Ident. No. 0010015172

- Package Components:
- › T 25 easy clean control ULTRA-TURRAX®
  - › S 25 EC - T - C - 25 G
  - › R 1826
  - › R 182

## Proven and precise dispersion technology for your application



| Model                                       | T 18 mini digital<br>ULTRA-TURRAX® | T 25 mini control<br>ULTRA-TURRAX® | T 18 digital<br>ULTRA-TURRAX® | T 18 brushless<br>digital<br>ULTRA-TURRAX® | T 25 digital<br>ULTRA-TURRAX®                   | T 25 easy clean<br>digital<br>ULTRA-TURRAX®     | T 25 easy clean<br>control<br>ULTRA-TURRAX®     |
|---------------------------------------------|------------------------------------|------------------------------------|-------------------------------|--------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Motor type                                  | Brushless DC                       | Brushless DC                       | Carbon brush                  | Brushless DC                               | Carbon brush                                    | Brushless DC                                    | Brushless DC                                    |
| Motor rating input/output                   | 210 W / 160 W                      | 210 W / 160 W                      | 500 W / 300 W                 | 400 W / 300 W                              | 800 W / 500 W                                   | 500 W / 400 W                                   | 500 W / 400 W                                   |
| Speed range                                 | 3000 – 25,000 rpm                  | 600 – 25,000 rpm                   | 3000 – 25,000 rpm             | 3000 – 25,000 rpm                          | 3000 – 25,000 rpm                               | 3000 – 25,000 rpm                               | 3000 – 25,000 rpm                               |
| Max. circumferential speed                  | 16.6 m/s                           | 16.6 m/s                           | 16.6 m/s                      | 16.6 m/s                                   | 30.1 m/s                                        | 30.1 m/s                                        | 30.1 m/s                                        |
| Theoretical volume range (H <sub>2</sub> O) | 1 ml – 1.5 L                       | 1 ml – 1.5 L                       | 1 ml – 1.5 L                  | 1 ml – 1.5 L                               | 1 ml – 2 L                                      | 1 ml – 2 L                                      | 1 ml – 2 L                                      |
| Recommended volume range                    | 100 ml – 500 ml                    | 100 ml – 500 ml                    | 200 ml – 1.5 L                | 200 ml – 1.5 L                             | 200 ml – 2 L                                    | 200 ml – 2 L                                    | 200 ml – 2 L                                    |
| Recommended maximum viscosity               | 2000 mPas                          | 2000 mPas                          | 5000 mPas                     | 5000 mPas                                  | 5000 mPas                                       | 5000 mPas                                       | 5000 mPas                                       |
| Operation type                              | Benchtop                           | Benchtop                           | Benchtop                      | Benchtop                                   | Benchtop                                        | Benchtop                                        | Benchtop                                        |
| Timer function                              | ✓                                  | ✓                                  | –                             | ✓                                          | –                                               | ✓                                               | ✓                                               |
| Recommended vessels                         | Conical flasks, beakers            | Conical flasks, beakers            | Conical flasks, beakers       | Conical flasks, beakers                    | Conical flasks, beakers, closed reactor systems | Conical flasks, beakers, closed reactor systems | Conical flasks, beakers, closed reactor systems |
| Automation ready                            | ✓                                  | ✓                                  | –                             | ✓                                          | –                                               | ✓                                               | ✓                                               |
| Temperature sensing                         | –                                  | ✓                                  | –                             | –                                          | –                                               | –                                               | ✓                                               |
| Interface                                   | USB-C                              | USB-C, WPAN, Wifi, Ethernet        | –                             | Micro-USB                                  | –                                               | Micro-USB                                       | Micro-USB                                       |
| Dimensions (W x D x H)                      | 66 x 100 x 186 mm                  | 66 x 100 x 186 mm                  | 87 x 106 x 271 mm             | 89 x 161 x 270 mm                          | 87 x 106 x 271 mm                               | 89 x 161 x 270 mm                               | 89 x 161 x 270 mm                               |

### Even more accessories:



Dispersing tools with various sizes and designs



Strap clamps for securing vessels



Cleaning tubes for cleaning dispersing tools

Find more  
accessories on  
[www.ika.com](http://www.ika.com)

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Prices and technical specifications  
are subject to change without  
notice.