

# IKA

designed for scientists



## ULTRA-TURRAX® Tube Drive P control

/// Data Sheet

The new IKA UTTD power control disperser gets its name from an even more powerful motor. The disperser assures the best stirring, dispersing, grinding and homogenisation results and has been devised in particular for the safe processing of infectious, toxic or odour-intensive samples.

Disposable tubes

The sealable disposable tubes have been optimised for your application.

They reduce the amount of cleaning required and rule out any risk of cross-contamination.

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#### Programmable test conditions

Time, energy, volume: You specify and systematically program the test conditions and store frequently used parameters in your library.

#### Adjustable change in direction of rotation

When, and how often, the direction of rotation should be changed is very easily set using the clear and multilingual menu.

#### Turbo button

Even more intensive mixing, dispersing or grinding at your fingertips: All of this is achieved with the turbo button. Over short periods, rotational speeds of up to 8,000 rpm can be achieved.

### Technical Data

Motor rating input [W]	36
Motor rating output [W]	28
Viscosity max. [mPas]	5000
Speed range [rpm]	400 - 8000
Reversible direction of rotation	yes
Speed deviation [%]	3
Speed control	10 RPM Steps
Speed display	OLED
Noise without element [dB(A)]	50
Process type	batch
Timer	yes
Timer display	OLED
Dimensions (W x H x D) [mm]	122 x 54 x 178
Weight [kg]	0.9
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 20
USB interface	yes
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	36
DC Voltage [V=]	24
Current consumption [mA]	1500