

Data Sheet

Crushing / Dispersers



IKA ULTRA-TURRAX® Tube Drive

World first: Universal Disposable Disperser System with hermetically sealable disposable sample tubes. Protection and security for: Infectious sample materials, toxic substances, high-odour substances

Application areas: Human medicine, pathology, veterinary medicine, animal hygiene institutes, Clinical diagnosis research, Foodstuffs testing laboratories, Diagnostic laboratories, Toxicology, Medical research, Pharmaceutical research, Biological research, Tumour biology, Immunology, Chemistry, Cosmetics

- World first
- High level of user safety
- No possibility of cross-contamination
- Quick and simple
- Hygienic and clean
- Disperse, stir, and grind using a single drive unit
- Hermetically sealable disposable sample tubes
- Covers with pierceable membranes available on request
- Volumes from 2-15 ml
- Suitable for individual use and use in series
- Standardised working
- Anti-locking function
- Increases safety due to low voltage (24 V)
- Chemical-resistant plastic
- Worldwide service guaranteed by IKA®
- Patent pending

Accessories: ST-50 Stirring Tube, TC-50-M Cover with pierceable membran, BMT-50 S Stainless steel-Ball-Mill Tube, BMT-50 G Glass-Ball-Mill Tube, ST-20 Stirring Tube, DT-20 Dispersing Tube,

Technical Data	
Motor rating input [W]	20
Motor rating output [W]	17
Viscosity max. [mPas]	5000
Speed range [1/min]	300 - 6000
Speed deviation [%]	10
Speed control	stepless
Speed display	scale
Noise without element [dB(A)]	50
Process type	batch
Dimensions (W x H x D) [mm]	100 x 40 x 160
Weight [kg]	0.75
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 20
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	20
DC Voltage [V=]	24
Power input [mA]	800
Ident. No.	3646000