



ULTRA-TURRAX® Tube Drive control

Unique and universal dispersing, stirring, homogenizing and grinding system with sealable disposable sample tubes. Protection and security for: Infectious sample materials, toxic substances, high-odor substances under defined conditions (time, energy, volume).

For research purposes only! Not suitable for diagnostic use (in accordance with the IVD Directive).

- USB interface for control and documentation
- Collecting tray for protection against leaking liquids
- Simple and precise menu navigation thanks to the OLED display
- Programmable sample conditions (library)
- Adjustable reverse operation
- Turbo-button for short time intensive mixing, homogenizing or grinding
- Multilingual menu
- Digital display for all functions
- Disperse, stir, homogenize and grind using a single drive unit
- No possibility of cross-contamination
- Sealable disposable sample tubes
- No cleaning required
- High level of user safety
- Suitable for individual use and use in series
- Gamma-sterilized tubes
- Tubes with pierceable membrane covers
- Tubes with 2 - 15 ml and 15 - 50 ml
- Reproducible tests
- Patented

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

Accessories: ST-20 Tube with stirring device (25x), DT-20 Tube with rotor-stator element (25x), DT-20 eco Tube with rotor-stator element (25x), BMT-20-S Tube for grinding with stainless steel balls (25x), BMT-20-G Tube for grinding with glass balls (25x), ST-20-M-gamma Tube with stirring device (20x), DT-20-M-gamma Tube with rotor-stator element (20x), ST-50 Tube with stirring device (10x), DT-50 Tube with rotor-stator element (10x), DT-50 eco Tube with rotor-stator element

Technical Data	
Motor rating input [W]	20
Motor rating output [W]	17
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]	20
DC Voltage [V=]	24
Current consumption [mA]	800
Ident. No.	0004135300

(10x), BMT-50-S Tube for grinding with stainless steel balls (10x), BMT-50-G Tube for grinding with glass balls (10x), ST-50-M Tube with stirring device (10x), DT-50-M Tube with rotor-stator element (10x), BMT-50-S-M Tube for grinding with stainless steel balls (10x), BMT-50-G-M Tube for grinding with glass balls (10x), ST-50-M-gamma Tube with stirring device (10x), DT-50-M-gamma Tube with rotor-stator element (10x), BMT-50-S-M-gamma Tube for grinding with stainless steel balls (10x), TC-50 Cover, TC-20-M Cover with pierceable membran, TC-50-M Cover with pierceable membran, Glass balls for BMT tubes, Stainless steel balls for BMT tubes, labworldsoft®