

## Hoja de Datos

Triturar / Dispersores



## ULTRA-TURRAX® Workstation

Workstation consists of ULTRA-TURRAX® Tube Drive, 2 x ST-20, 2 x DT-20 incl. 1 removal hook for removal the rotor-stator unit, 2 x BMT-20 G / S, power supply.

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

The sample containers (tubes) are easily attached to the drive unit. Desired speed and duration are set, then the test is started. An acoustic signal indicates completion of experiment. The tests are any time reproducible and there is no cross-contamination between the samples.

- Disperse, stir, homogenize and grind using a single drive unit
- No possibility of cross-contamination
- Hermetically 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 piercable membrane covers
- Tubes with 2 - 15 ml and 15 - 50 ml
- Anti-locking function
- Increases safety due to low voltage (24 V)
- Chemical-resistant plastic
- Simple and safe disposal
- Worldwide service guaranteed by IKA
- Reproducible tests
- Patented

Application areas: Human medicine, pathology, veterinary medicine, animal hygiene institutes, Clinical diagnosis research, Foodstuffs testing laboratories, Diagnostic laboratories, Toxicology

Accesorios: ST-20 Tubo agitador (25x), DT-20 Tubo de Dispersion (25x), BMT-20 S Tubo

### Información Técnica

Potencia del consumo del motor [W]	20
Potencia del suministro del motor [W]	17
Max. viscosidad [mPas]	5000
Rango de velocidad [rpm]	300 - 6000
Desviación de velocidad [%]	10
Indicador de velocidad	escala
Control de velocidad	progresión
Ruido sin el elemento [dB(A)]	50
Tipo de proceso	lote
Dimensiones (An x Al x Pr) [mm]	100 x 40 x 160
Peso [kg]	0.75
Temperatura ambiental permitida [°C]	5 - 40
Humedad relativa permitida [%]	80
Clase de protección de acuerdo al DIN EN 60529	IP 20
Voltaje [V]	100 - 240
Frecuencia [Hz]	50/60
Consumo de energía [W]	20
Voltaje DC [V=]	24
Consumo de energía [mA]	800

**No. ref.** 0003645000

para moler con esferas de acero inoxidable (25x), BMT-20 G Tubo para moler con esferas de vidrio (25x), ST-20-M-gamma Tube with stirring device (20x), DT-20-M-gamma Tube with rotor-stator element (20x), BMT-20-S-M-gamma Tube for grinding with stainless steel balls (20x), ST-50 Tubo Agitador (10x), DT-50 Tubo de Dispersion (10x), BMT-50 S Tubo para moler con esferas de acero inoxidable (10x), BMT-50 G Tubo para moler con esferas de vidrio (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-20 Cubierta, TC-50 Cubierta, TC-20-M con membrana perforables, TC-50-M con membrana perforables