

Homogenisers



Tube drives, Ultra-Turrax®



Application areas: human medicine, pathology, veterinary medicine, animal hygiene institutes, clinical diagnosis research, food testing laboratories, diagnostic laboratories, toxicology, medical research, pharmaceutical research, biological research, tumour biology, immunology, chemistry, cosmetics.

- Disperse, stir, and grind using a single drive unit
- High level of user safety: low voltage
- Hygienic and clean: no possibility of cross contamination
- Quick and simple
- Hermetically sealable disposable sample tubes
- Covers with 'pierceable membranes' available on request
- Volumes from 2mL to 50mL
- Suitable for individual or multiple use
- Standardised working
- Anti-locking function
- Chemically resistant plastic
- Patent pending
- Preparation of soil sample suspensions
- Solubility testing for medications
- Capacities from 2mL to 15mL

DT-20 Dispersing Tube

- Dispersion
- Homogenisation
- Suspensions
- Pharmacokinetics
- Metabolism studies
- Diagnosis
- Capacities from 5mL to 15mL

BMT-20 G/S Ball-Mill Tube

- Dry milling of dry and brittle samples (e.g. kaolin, gypsum, coloured pigments, tablets)
- Cell maceration
- Processing of materials mixed with fluids
- Capacities from 2mL to 50mL

Specific tube details, sterile tubes also available:

ST-20 Stirring Tube

- Mixing
- Stirring
- Extractions

Protection and security for infectious sample materials, toxic and high odour substance.

Technical Specification

Power, W	20 (input) / 17 (output)
Speed range, rpm	300 to 6,000
Timer	1 to 59s (300 to 6,000rpm) 1 to 29min (300 to 4,000rpm)
Display type	Digital
Dimensions [w x d x h], mm	100 x 160 x 40
Mass, kg	0.75
Protection class	IP 20 (DIN EN 60529)
Electrical supply	230V 50/60Hz

Catalogue No	Legacy No	Description
13160693	-	Tube disperser workstation, includes drive, 2 x ST-20, 2 x DT-20 plus 1 x removal hook for removing the rotar-stator unit, 2 x BMT-20 G/S, and power supply
10094062	-	Tube drive only (but includes hook for removing DT-20 tube and power supply)

Spare parts

Non-sterile

Catalogue No	Legacy No	Alt. No	Description	Pack qty
11760677	-	ST-20	Replacement ST-20 tube, 2 to 15mL	25
10763304	-	DT-20	Replacement DT-20 tube, 2 to 15mL	25
10263035	-	BMT-20 G	Replacement BMT-20 G tube, 2 to 15mL	25
11780677	-	BMT-20 S	Replacement BMT-20 S tube, 2 to 15mL	25
11831022	-	ST-50	Replacement ST-50 tubes 50mL	10
10448283	-	DT-50	Replacement DT-50 tubes 50mL	10
11856810	-	BMT-50 S	Replacement BMT-50 S tubes, 50mL	10
11876810	-	BMT-50 G	Replacement BMT-50 G tubes, 50mL	10