

IKA

designed for scientists

EN



IKA BMT-20-S-IVD

BMT-20-S-IVD

/// Disposable mixing vessel: optimized quality of results and minimal risk of contamination

BMT-20-S-IVD is a universally applicable disposable mixing vessel for use in human medicine and infection diagnostics. The gamma-sterilized tube contains a stirring unit, 10 stainless steel balls and 5 ml of saline solution and has a screw-on cover with pierceable membrane. BMT-20-S-IVD facilitates and improves microbiological and molecular-biological analysis of patient samples such as tissue or intraoperative samples.

Optimized bacterial yield – reduced risk of contamination



CE-IVD certified

Reduced risk of contamination

No cross-contamination as sample is directly ground inside the vessel, no multiple opening of sample vessel required.

Time saving

Disposable system, shorter sample preparation times, no cleaning of additional vessels.

High efficiency

Time and cost savings.

Traceability

One single process for transport, grinding/homogenization and storage.

Suited for automation

BMT-20-S-IVD can be used in automated processes.

ORDER DETAILS

Sterile sample vessel with stirrer, 10 stainless steel balls, 5 ml of physiological saline solution, cover with pierceable membrane, CE-IVD certified, double sterile foil packaging.

PACK CONTENT

50 pieces

IDENT. NO.

0020019573

BMT-20-S-IVD – sample vessels for ULTRA-TURRAX® Tube Drive P control

- > Sample vessel for transport and grinding/homogenization
- > 5 ml of physiological saline solution of molecular-biological quality
- > Sample vessel available in double sterile packaging
- > Facilitates microbiological and molecular-biological sample analysis
- > Sterilized by gamma irradiation

ULTRA-TURRAX® Tube Drive P control

- > Compact dispersion unit
- > Economical and easy to use
- > High safety of use, anti-blocking function
- > Adjustable change in direction of rotation
- > Programmable test conditions



TECHNICAL DATA

Viscosity max.	5,000 mPas
Speed	min. 400 rpm max. 8,000 rpm
Reversible direction of rotation	Yes
Speed deviation	3 %
Speed display	OLED
Speed control	10 rpm steps
Noise without element	50 db(A)
Process type	Batch
Timer	Yes
Timer display	OLED

GENERAL DATA

Weight	0.9 kg
Dimensions (W x H x D)	122 x 54 x 178 mm
Protection class according to DIN EN 60529	IP 20
Interface	USB
Ident. No.	0025005981

Additional products

If required, the following IKA devices are available for your lab to enhance your work with IKA BMT-20-S-IVD tubes:



ULTRA-TURRAX® Tube Drive P control
Disperser
Ident. No. 0025005981



T 25 easy clean digital
High-performance disperser
Ident. No. 0025002560

Additional IKA Tubes



DIS-300-S-M.10 Dissolver tube
Volume: up to 300 ml
Application: Crushing and dissolution of tablets and dragées. This tube is equipped with a dissolver blade and opens up new application fields. It was especially designed for dissolving samples in different solvents.
Ident. No. 0020016318



BMT-50-G Tube for grinding with glass balls (10x)
Volume: 15 – 50 ml
Application: Dry milling of dry and brittle samples (e.g. kaolin, gypsum, coloured pigments, tablets), cell maceration, processing of materials mixed with fluids.
Ident. No. 0003699800



BMT-20-S Tube for grinding with stainless steel balls (25x)
Volume: 2 – 15 ml
Application: Dry milling of dry and brittle samples (e.g. kaolin, gypsum, coloured pigments, tablets), cell maceration, processing of materials mixed with fluids.
Ident. No. 0003703200

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