

IKA's ULTRA-TURRAX® – used for homogenizing, emulsifying or suspending. The digital display allows you to keep track of the speed and the development of the products focused on a soft start of the motor. There is a broad spectrum of dispersing tools to choose from. Common disperser applications include: homogenization of effluent samples, dispersing tasks under vacuum pressure, and PCR analysis.

T 25 EASY CLEAN DIGITAL AND CONTROL ULTRA-TURRAX®

/// The new dispersing experience

More quiet, clean and even remote controlled: The T 25 easy clean high-performance disperser in the digital and control versions will change your dispersing experience. These instruments hit the spot with electronic speed control from 3000 – 25 000 rpm, a digital timer setting, a working volume of 1 – 2000 ml (water), a long service life both for the drive and tools, as well as a wide range of dispersing tools to choose from. Medical samples are perfectly homogenised, cosmetics emulsified and paints suspended.



ELECTRONICALLY COMMUTATED MOTOR

IKA applies a new motor technology to the devices in the T 25 easy clean series: The brushless DC motor, with a noise level of 70 dB, ensures a significant noise reduction in the lab. It also allows carbon dust-free operation.

EASY CLEANING

Easy clean means: The dispersing element is easily cleaned without disassembly, thanks to its manually extendable rotor. The tool is also dishwasher-compatible and completely autoclavable.

INTEGRATED TEMPERATURE MEASUREMENT

Yet another highlight is the patented, integrated temperature measurement in the T 25 easy clean control version. The temperature sensor is integrated into the tool and thus enables the permanent monitoring of the medium temperature.

ULTRA-TURRAX® Tube Drive

EUR 695,00
Ident. No. 0003646000



ULTRA-TURRAX® Tube Drive P control Workstation

EUR 1.444,00
Ident. No. 0025005836



ULTRA-TURRAX® Tube Drive P control

EUR 1.390,00
Ident. No. 0025005981



TECHNICAL DATA	UTTD® TUBE DRIVE	UTTD® TUBE DRIVE P CONTROL	UTTD® TUBE DRIVE P CONTROL WORKSTATION
Process type	Batch	Batch	Batch
Speed range	300 – 6000 rpm	400 – 8000 rpm	400 – 8000 rpm
Timer	–	OLED	OLED
Noise without element	50 dB(A)	50 dB(A)	50 dB(A)
Reversible direction of rotation	–	Yes	Yes
Viscosity max.	5000 mPas	5000 mPas	5000 mPas
Dimensions (W x H x D) Dimension case (W x H x D)	100 x 40 x 160 mm	122 x 54 x 178 mm	122 x 54 x 178 mm 270 x 78 x 225 mm
Protection class according to DIN EN 60529	IP 20	IP 20	IP 20



ST-20

ST-50-M

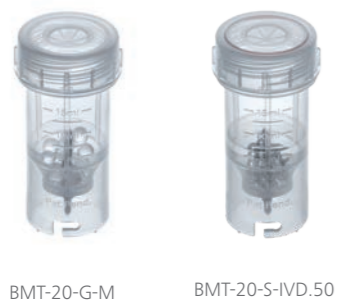
Product	Description	Ident. No.	Price
ST TUBES WITH STIRRING ELEMENT			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	EUR 197,00
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml, 20 pcs., membrane lid	0003700500	EUR 220,00
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	EUR 98,00
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	EUR 155,00



DT-20

DT-50-M

Product	Description	Ident. No.	Price
DT TUBES WITH ROTOR-STATOR ELEMENT			
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	EUR 205,00
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	EUR 242,00
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	EUR 176,00
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	EUR 110,00
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	EUR 176,00
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	EUR 99,00

BMT G | S TUBES FOR GRINDING WITH GLASS (G) OR STAINLESS STEEL (S) BALLS


BMT-20-G-M

BMT-20-S-IVD.50

BMT-20-S	Tube with stirring element, stainless steel balls, 20 ml, 25 pcs.	0003703200	EUR 220,00
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	EUR 220,00
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	EUR 253,00
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	EUR 253,00
BMT-20-S-IVD1.50	Tube with stirring element, sterile, IVD label, stainless steel balls, 5 ml NaCl solution, 20 ml, 50 pcs., single sterile packaging	0020103143	EUR 589,00
BMT-20-S-IVD.50	Tube with stirring element, sterile, IVD label, stainless steel balls, 5 ml NaCl solution, 20 ml, 50 pcs., membrane lid, double sterile packaging	0020027186	EUR 745,00
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	EUR 132,00
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	EUR 132,00
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	EUR 188,00

New accessory



DIS-50-S-M

DIS-300-S-M

Product	Description	Ident. No.	Price
TUBES WITH DISSOLVER ELEMENT AND MEMBRANE LID			
DIS-50-S-M	Tube with dissolver blade, 50 ml, 10 pcs., stainless steel	0020016316	EUR 106,00
DIS-50-T-M	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	EUR 128,00
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	EUR 160,00
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	EUR 781,00

TUBES WITH DISSOLVER ELEMENT

DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	EUR 165,00
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	EUR 804,00

COVERS

TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	EUR 56,00
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	EUR 36,00



TC-50-M

BALLS FOR BMT TUBE

Glass balls 6	Glass balls, 250 g	0003599200	EUR 55,00
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	EUR 55,00

FURTHER ACCESSORIES FOR UTTD

CA.UTTD	Centrifuge adapter for UTTD tubes, 2 pcs.	0020101847	EUR 64,00
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BMT-20-S-IVD

/// For use in human medicine



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.

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.

TRACEABILITY

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

T 10 basic ULTRA-TURRAX®

EUR 1.300,00
Ident. No. 0003737000



T 18 digital ULTRA-TURRAX®

EUR 1.475,00
Ident. No. 0003720000



T 25 digital ULTRA-TURRAX®

EUR 2.155,00
Ident. No. 0003725000



T 50 digital ULTRA-TURRAX®

EUR 3.431,00
Ident. No. 0003787000



TECHNICAL DATA	T 10 BASIC ULTRA-TURRAX®	T 18 DIGITAL ULTRA-TURRAX®	T 25 DIGITAL ULTRA-TURRAX®	T 50 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch	Batch
Speed range	8000 – 30 000 rpm	3000 – 25 000 rpm	3000 – 25 000 rpm	600 – 10 000 rpm
Volume range (H ₂ O)	0,0005 – 0,1 l	0,001 – 1,5 l	0,001 – 2,0 l	0,25 – 30 l
Speed control	Stepless	Stepless	Stepless	Stepless
Noise without element	65 dB(A)	75 dB(A)	75 dB(A)	72 dB(A)
Extension arm length	100 mm	160 mm	160 mm	220 mm
Viscosity max.	5000 mPas	5000 mPas	5000 mPas	5000 mPas
Dimensions (W x H x D)	56 x 178 x 66 mm	87 x 271 x 106 mm	87 x 271 x 106 mm	115 x 355 x 139 mm
Protection class according to DIN EN 60529	IP 30	IP 20	IP 20	IP 20

T 25 easy clean digital ULTRA-TURRAX®

EUR 2.120,00
Ident. No. 0025002560



T 25 easy clean control ULTRA-TURRAX®

EUR 2.610,00
Ident. No. 0025002500



Patented integrated temperature measurement

① **T 65 basic ULTRA-TURRAX®**

EUR 5.068,00
Ident. No. 0004023500



② **T 65 digital ULTRA-TURRAX®**

EUR 8.070,00
Ident. No. 0004234500

UTL 25 digital Inline ULTRA-TURRAX®

EUR 9.630,00
Ident. No. 0010006856



TECHNICAL DATA	T 25 EASY CLEAN DIGITAL CONTROL ULTRA-TURRAX®	T 65 BASIC ULTRA-TURRAX®	T 65 DIGITAL ULTRA-TURRAX®	UTL 25 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch	Inline
Speed range	3000 – 25 000 rpm	7200 rpm	1000 – 9500 rpm	6500 – 24000 rpm
Volume range (H ₂ O)	0,001 – 2,0 l	2 – 50 l	2 – 50 l	–
Speed control	Stepless	–	Stepless	Stepless
Noise without element	70 dB(A)	75 dB(A)	75 dB(A)	73 dB(A)
Extension arm length	160 mm	–	–	175 mm
Viscosity max.	5000 mPas	5000 mPas	5000 mPas	–
Dimensions (W x H x D)	89 x 270 x 161 mm	185 x 450 x 400 mm	300 x 390 x 400 mm	450 x 120 x 100 mm
Protection class according to DIN EN 60529	IP 30	IP 54	IP 54	IP 54



S 10 N - 10 G - ST



S 10 D - 7 G - KS - 65



S 18 D - 10 G - KS



S 18 N - 19 G



S 18 | 25 - ET50

Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 10 BASIC			
S 10 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446500	EUR 1.338,00
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	EUR 1.338,00
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	EUR 1.235,00
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	EUR 1.235,00
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	EUR 1.235,00
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	EUR 440,00
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	EUR 496,00

Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 18 DIGITAL			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	EUR 1.065,00
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	EUR 1.065,00
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	EUR 265,00
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	EUR 265,00
S 18 25-ET50	Disposable tube	0003452500	EUR 6,50



S 25 N - 18 G - ST



S 25 KV - 2802



S 25 KV - 25 F



S 25 D - 14 G - KS



S 25 KD - 25 G - ST

Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 25 DIGITAL			
S 25 N - 8 G - ST	Dispersing element, saw-tooth, Ø 8 mm	0004446900	EUR 1.488,00
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	EUR 1.157,00
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	EUR 1.163,00
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	EUR 1.488,00
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	EUR 1.469,00
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	EUR 1.102,00
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	EUR 1.102,00
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	EUR 1.956,00
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	EUR 1.409,00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	EUR 2.059,00
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	EUR 1.488,00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	EUR 2.162,00
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	EUR 1.994,00
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	EUR 265,00
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	EUR 265,00
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	EUR 1.432,00
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	EUR 1.631,00
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	EUR 1.488,00
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	EUR 1.776,00
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	EUR 1.818,00
S 25 KD - LR - 25 G	Dispersing element, Ø 25 mm	0025007321	EUR 1.929,00
S 25 KD - LR - 25 F	Dispersing element, Ø 25 mm	0025007322	EUR 1.983,00
Silentstream	Flow breaker	0003754000	EUR 21,00
S 18 25-ET50	Disposable tube	0003452500	EUR 6,50
TS 25-3	Cleaning tool	0020003013	EUR 99,00
CT.15	Cleaning tube	0020006595	EUR 133,00

Prevents
vortexing



Silentstream



TS 25-3



S 25 EC - T - C - 25 F

Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 25 EASY CLEAN DIGITAL AND CONTROL			
S 25 EC - C - 18 G	Dispensing element, Ø 18 mm	0020108996	EUR 1.281,00
S 25 EC - C - 25 G	Dispensing element, Ø 25 mm	0020108997	EUR 1.337,00
S 25 EC - C - 25 F	Dispensing element, Ø 25 mm	0025007215	EUR 1.475,00
S 25 EC - C - 18 G - ST	Dispensing element, Ø 18 mm	0025007399	EUR 1.362,00
S 25 EC - C - 25 G - ST	Dispensing element, Ø 25 mm	0025002590	EUR 1.418,00
S 25 EC - T - C - 18 G	Dispensing element, Ø 18 mm, temperature sensor	0020108998	EUR 1.507,00
S 25 EC - T - C - 25 G	Dispensing element, Ø 25 mm, temperature sensor	0020108999	EUR 1.564,00
S 25 EC - T - C - 18 G - ST	Dispensing element, Ø 18 mm, temperature sensor	0025007398	EUR 1.588,00
S 25 EC - T - C - 25 G - ST	Dispensing element, Ø 25 mm, temperature sensor	0025002595	EUR 1.645,00
S 25 EC - T - C - 25 F	Dispensing element, Ø 25 mm, temperature sensor	0025007199	EUR 1.702,00
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	EUR 85,00
WiCo T 25 easy clean control	Wireless remote control	0025006310	EUR 829,00

DISPERSING ELEMENTS FOR T 50 DIGITAL

S 50 N - G 45 G	Dispensing element, Ø 45 mm	0008003000	EUR 2.874,00
S 50 N - G 45 G - ST	Dispensing element, saw-tooth, Ø 45 mm	0008039500	EUR 2.874,00
S 50 N - G 45 M	Dispensing element, Ø 45 mm	0008003300	EUR 3.161,00
S 50 N - G 45 F	Dispensing element, Ø 45 mm	0008003900	EUR 3.318,00
S 50 KG - HH - G 45 G	Dispensing element, Ø 45 mm	0008003200	EUR 4.352,00
S 50 KG - HH - G 45 G - ST	Dispensing element, Ø 45 mm	0010000648	EUR 4.352,00
S 50 KG - HH - G 45 M	Dispensing element, Ø 45 mm	0008003500	EUR 4.639,00
S 50 KG - HH - G 45 F	Dispensing element, Ø 45 mm	0008004100	EUR 4.796,00
S 50 KD - G 45 G	Dispensing element, Ø 45 mm	0010000629	EUR 3.861,00
S 50 KD - G 45 G - ST	Dispensing element, saw-tooth, Ø 45 mm	0010000632	EUR 3.861,00
S 50 KD - G 45 M	Dispensing element, Ø 45 mm	0010000630	EUR 4.148,00
S 50 KD - G 45 F	Dispensing element, Ø 45 mm	0010000631	EUR 4.305,00
R 50	Stirring shaft, high speed	0001689300	EUR 2.093,00
R 1405	Propeller, Ø 45 mm	0001289800	EUR 204,00
R 1402	Dissolver, Ø 42 mm	0001243300	EUR 283,00
S 50 N - W 65 SK	Dispensing element with cutting head, Ø 65 mm	0008005100	EUR 3.222,00
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	EUR 3.016,00

S 50 KG - HH - G 45 G - ST



S 50 N - W 65 SK



S 65 C - G 65 G



S 65 KD - G 65 M



D 80

Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 65 BASIC AND DIGITAL			
S 65 C - G 65 G	Dispensing element, Ø 65 mm	0010001665	EUR 3.805,00
S 65 C - G 65 M	Dispensing element, Ø 65 mm	0010001666	EUR 4.099,00
S 65 C - G 65 F	Dispensing element, Ø 65 mm	0010001667	EUR 4.279,00
S 65 KG - HH - G 65 G	Dispensing element, Ø 65 mm	0008005500	EUR 4.359,00
S 65 KG - HH - G 65 M	Dispensing element, Ø 65 mm	0008005700	EUR 4.653,00
S 65 KG - HH - G 65 F	Dispensing element, Ø 65 mm	0008005900	EUR 4.833,00
S 65 KD - G 65 G	Dispensing element, Ø 65 mm	0010000641	EUR 3.916,00
S 65 KD - G 65 M	Dispensing element, Ø 65 mm	0010000642	EUR 4.210,00
S 65 KD - G 65 F	Dispensing element, Ø 65 mm	0010000643	EUR 4.390,00
D 60	Dissolver, Ø 60 mm	0020008388	EUR 496,00
D 80	Dissolver, Ø 80 mm	0020008389	EUR 550,00
INLINE DISPERSER SYSTEM - ACCESSORIES			
DK 25.11	Flow chamber	0002518000	EUR 3.723,00
AD 25	Mounting support for DK 25.11	0002562500	EUR 898,00
S 25 KV - 25 G-IL	Dispensing element	0002563000	EUR 2.854,00
S 25 KV - 25 F-IL	Dispensing element	0002830200	EUR 2.854,00

NOMENCLATURE DISPERSING ELEMENTS

Shaft	Outer diameter of stator	Saw-tooth
S 50	45	G - ST
KG - HH - G		
Sealing and bearing	Generator or element	Degree of fineness achieved
		G = Coarse M = Medium F = Fine
	G = Proved configuration W = Special element	

N = PTFE bearing

KV = Ball bearing with vacuum-tight sliding-ring seal with silicon carbide seal rings

KG - HH = Ball bearing with sliding-ring seals of hard metal allow with FFPM seals rings

C = Ceramic-coated bearing

KD = Ball bearing with PTFE seal and FFKM O-ring