

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

/// 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 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 brush-less 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.

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

\$ 1,185.00
Ident. No. 0003646000



ULTRA-TURRAX® Tube Drive
P control Workstation

\$ 2,050.00
Ident. No. 0025005836



ULTRA-TURRAX® Tube Drive
P control

\$ 1,927.00
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



Product	Description	Ident. No.	Price
ST TUBES WITH STIRRING ELEMENT			
ST-20	Tube with stirring element, 20 ml, 25 pcs.	0003703000	\$ 332.00
ST-20-M-gamma	Tube with stirring element, sterile, 20 ml , 20 pcs., membrane lid	0003700500	\$ 448.00
ST-50	Tube with stirring element, 50 ml, 10 pcs.	0003699500	\$ 173.00
ST-50-M-gamma	Tube with stirring element, sterile, 50 ml, 10 pcs., membrane lid	0003701500	\$ 382.00



DT TUBES WITH ROTOR-STATOR ELEMENT			
DT-20	Tube with rotor-stator element, 20 ml, 25 pcs.	0003703100	\$ 332.00
DT-20-M-gamma	Tube with rotor-stator element, sterile, 20 ml, 20 pcs., membrane lid	0003700600	\$ 450.00
DT-20 eco	Tube with rotor-stator element, 20 ml, 25 pcs.	0020003207	\$ 306.00
DT-50	Tube with rotor-stator element, 50 ml, 10 pcs.	0003699600	\$ 173.00
DT-50-M-gamma	Tube with rotor-stator element, sterile, 50 ml, 10 pcs., membrane lid	0003701600	\$ 384.00
DT-50 eco	Tube with rotor-stator element, 50 ml, 10 pcs., membrane lid	0020003213	\$ 127.00



BMT G S TUBES FOR GRINDING WITH GLASS (G) OR STAINLESS STEEL (S) BALLS			
BMT-20-S	Tube with stirring element, stainless steel balls, 20 ml, 25 pcs.	0003703200	\$ 332.00
BMT-20-G	Tube with stirring element, glass balls, 20 ml, 25 pcs.	0003703300	\$ 332.00
BMT-20-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 20 ml, 20 pcs., membrane lid	0003700701	on request
BMT-20-G-M-gamma	Tube with stirring element, sterile, glass balls, 20 ml, 20 pcs., membrane lid	0020017448	on request
BMT-20-S-IVD.50	Tube with stirring element, sterile, IVD label, stainless steel balls, 5 ml NaCl solution, 20 ml, 50 pcs.	0020019573	on request
BMT-50-S	Tube with stirring element, stainless steel balls, 50 ml, 10 pcs.	0003699700	\$ 173.00
BMT-50-G	Tube with stirring element, glass balls, 50 ml, 10 pcs.	0003699800	\$ 173.00
BMT-50-S-M-gamma	Tube with stirring element, sterile, stainless steel balls, 50 ml, 10 pcs., membrane lid	0003701700	\$ 382.00



Product	Description	Ident. No.	Price
TUBES WITH DISSOLVER ELEMENT AND MEMBRANE LID			
DIS-50-S-M.10	Tube with dissolver blade, 50 ml, 10 pcs., stainless steel	0020016316	\$ 205.00
DIS-50-T-M.10	Tube with dissolver blade, 50 ml, 10 pcs., titanium	0020016317	on request
DIS-300-S-M.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020016318	\$ 306.00
DIS-300-S-M.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020017313	on request

TUBES WITH DISSOLVER ELEMENT			
DIS-300-S.10	Tube with dissolver blade, 300 ml, 10 pcs., stainless steel	0020026959	\$ 306.00
DIS-300-S.50	Tube with dissolver blade, 300 ml, 50 pcs., stainless steel	0020026960	\$ 1,462.00

COVERS			
TC-20-M	Cover, pierceable membrane, 25 pcs.	0003749900	\$ 144.00
TC-50-M	Cover, pierceable membrane, 10 pcs.	0003750000	\$ 143.00

BALLS FOR BMT TUBE			
Glass balls 6	Glass balls, 250 g	0003599200	\$ 156.00
Stainless steel balls 5	Stainless steel balls, 250 g	0003599300	\$ 156.00



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.

*Currently released distribution countries are United Kingdom, Switzerland, Spain, Malta, Luxembourg, Liechtenstein, Italy, Ireland, Iceland, Germany, France, Estonia, Belgium, Austria.

T 10 basic ULTRA-TURRAX®

\$ 1,575.00
Ident. No. 0003737001



T 18 digital ULTRA-TURRAX®

\$ 1,362.00
Ident. No. 0003720001



T 25 digital ULTRA-TURRAX®

\$ 2,114.00
Ident. No. 0003725001



T 50 digital ULTRA-TURRAX®

\$ 3,636.00
Ident. No. 0003787001



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

\$ 2,333.00
Ident. No. 0025002561



T 25 easy clean control

\$ 3,222.00
Ident. No. 0025002501



Patented integrated
temperature
measurement

T 65 basic ULTRA-TURRAX®

\$ 6,784.00
Ident. No. 0004023501



T 65 digital ULTRA-TURRAX®

\$ 9,070.00
Ident. No. 0004234501



TECHNICAL DATA	T 25 EASY CLEAN DIGITAL CONTROL	T 65 BASIC ULTRA-TURRAX®	T 65 DIGITAL ULTRA-TURRAX®
Process type	Batch	Batch	Batch
Speed range	3000 – 25 000 rpm	7200 rpm	1000 – 9500 rpm
Volume range (H ₂ O)	0.001 – 2.0 l	2 – 50 l	2 – 50 l
Speed control	Stepless	–	Stepless
Noise without element	70 dB(A)	75 dB(A)	75 dB(A)
Extension arm length	160 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
Protection class according to DIN EN 60529	IP 30	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	\$ 2,007.00
S 10 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004446700	\$ 2,007.00
S 10 N - 5 G	Dispersing element, Ø 5 mm	0003304000	\$ 2,021.00
S 10 N - 8 G	Dispersing element, Ø 8 mm	0003305500	\$ 1,879.00
S 10 N - 10 G	Dispersing element, Ø 10 mm	0003370100	\$ 1,879.00
S 10 D - 7 G - KS - 65	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002076	\$ 820.00
S 10 D - 7 G - KS - 110	Plastic dispersing element, Ø 7 mm, 24 pcs.	0020002075	\$ 961.00

DISPERSING ELEMENTS FOR T 18 DIGITAL			
S 18 N - 10 G	Dispersing element, Ø 10 mm	L004639	\$ 1,516.00
S 18 N - 19 G	Dispersing element, Ø 19 mm	L004640	\$ 1,516.00
S 18 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452400	\$ 795.00
S 18 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452300	\$ 795.00
S 18 25-ET50	Disposable tube	0003452500	\$ 25.00



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	\$ 1,636.00
S 25 N - 10 G - ST	Dispersing element, saw-tooth, Ø 10 mm	0004447100	\$ 1,636.00
S 25 N - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0004447300	\$ 2,097.00
S 25 N - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0004447500	\$ 2,175.00
S 25 N - 8 G	Dispersing element, Ø 8 mm	0001024200	\$ 1,626.00
S 25 N - 10 G	Dispersing element, Ø 10 mm	0000594000	\$ 1,774.00
S 25 N - 18 G	Dispersing element, Ø 18 mm	0000593400	\$ 2,055.00
S 25 KV - 18 G	Dispersing element, Ø 18 mm	0002348000	\$ 2,310.00
S 25 N - 25 G	Dispersing element, Ø 25 mm	0001713300	\$ 2,059.00
S 25 KV - 25 G	Dispersing element, Ø 25 mm	0002466900	\$ 2,468.00
S 25 N - 25 F	Dispersing element, Ø 25 mm	0001713800	\$ 2,002.00
S 25 KV - 25 F	Dispersing element, Ø 25 mm	0002404000	\$ 2,417.00
S 25 KV - 2802	Dissolver stirrer, high speed	0020008825	\$ 2,390.00
S 25 D - 10 G - KS	Plastic dispersing element, Ø 10 mm, 12 pcs.	0003452200	\$ 762.00
S 25 D - 14 G - KS	Plastic dispersing element, Ø 14 mm, 12 pcs.	0003452100	\$ 762.00
S 25 KD - 18 G	Dispersing element, Ø 18 mm	0020002971	\$ 2,295.00
S 25 KD - 25 G	Dispersing element, Ø 25 mm	0020002972	\$ 2,312.00
S 25 KD - 18 G - ST	Dispersing element, saw-tooth, Ø 18 mm	0020002973	\$ 2,348.00
S 25 KD - 25 G - ST	Dispersing element, saw-tooth, Ø 25 mm	0020002974	\$ 2,417.00
S 25 KD - 25 F	Dispersing element, Ø 25 mm	0020002975	\$ 2,393.00
S 25 KD - LR - 25 G	Dispersing element, Ø 25 mm	0025007321	\$ 2,470.00
S 25 KD - LR - 25 F	Dispersing element, Ø 25 mm	0025007322	\$ 2,470.00
Silentstream	Flow breaker	0003754000	\$ 59.00
S 18 25-ET50	Disposable tube	0003452500	\$ 25.00
TS 25-3	Cleaning tool	0020003013	\$ 209.00
CT.15	Cleaning tube	0020006595	\$ 184.00



Silentstream



TS 25-3



Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 25 EASY CLEAN DIGITAL AND CONTROL			
S 25 EC - T - C - 18 G - ST	Dispersing element, Ø 18 mm, temperature measurement	0020007032	\$ 2,174.00
S 25 EC - C - 25 G - ST	Dispersing element, Ø 25 mm	0025002590	\$ 2,223.00
S 25 EC - C - 25 F	Dispersing element, Ø 25 mm	0025007215	\$ 2,110.00
S 25 EC - C - 18 G - ST	Dispersing element, Ø 18 mm	0025007399	\$ 2,132.00
S 25 EC - T - C - 25 G - ST	Dispersing element, Ø 25 mm, temperature sensor	0025002595	on request
S 25 EC - T - C - 25 F	Dispersing element, Ø 25 mm, temperature sensor	0025007199	on request
HS 25 EC - DW	Holder S 25 EC for dish washer	0025007380	\$ 113.00
WICO	Wireless remote control	0025006310	\$ 700.00

DISPERSING ELEMENTS FOR T 50 DIGITAL			
S 50 KG - HH - G 45 G	Dispersing element, Ø 45 mm	0010000637	\$ 4,615.00
S 50 KG - HH - G 45 G - ST	Dispersing element, Ø 45 mm	0010000648	\$ 4,667.00
S 50 KG - HH - G 45 M	Dispersing element, Ø 45 mm	0010000638	\$ 5,001.00
S 50 KG - HH - G 45 F	Dispersing element, Ø 45 mm	0010000639	\$ 5,246.00
S 50 N - G 45 G	Dispersing element, Ø 45 mm	0008003000	\$ 4,090.00
S 50 N - G 45 M	Dispersing element, Ø 45 mm	0008003300	\$ 4,832.00
S 50 N - G 45 F	Dispersing element, Ø 45 mm	0008003900	\$ 4,804.00
S 50 N - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0008039500	\$ 4,142.00
S 50 KD - G 45 G	Dispersing element, Ø 45 mm	0010000629	\$ 4,405.00
S 50 KD - G 45 G - ST	Dispersing element, saw-tooth, Ø 45 mm	0010000632	\$ 4,457.00
S 50 KD - G 45 M	Dispersing element, Ø 45 mm	0010000630	\$ 4,917.00
S 50 KD - G 45 F	Dispersing element, Ø 45 mm	0010000631	\$ 5,015.00
R 50	Stirring shaft, high speed	0001689300	\$ 2,361.00
R 1405	Propeller, Ø 45 mm	0001289800	\$ 437.00
R 1402	Dissolver, Ø 42 mm	0001243300	\$ 629.00
S 50 N - W 65 SK	Dispersing element with cutting head, Ø 65 mm	0008005100	\$ 5,688.00
S 50 N - W 80 SMK	Jet mixer head, Ø 80 mm	0008006300	\$ 5,746.00



Product	Description	Ident. No.	Price
DISPERSING ELEMENTS FOR T 65 BASIC AND DIGITAL			
S 65 KG - HH - G 65 G	Dispersing element, Ø 65 mm	0008005500	\$ 3,744.00
S 65 KG - HH - G 65 M	Dispersing element, Ø 65 mm	0008005700	\$ 3,863.00
S 65 KG - HH - G 65 F	Dispersing element, Ø 65 mm	0008005900	\$ 4,064.00
S 65 C - G 65 G	Dispersing element, Ø 65 mm	0010001665	\$ 6,779.00
S 65 C - G 65 M	Dispersing element, Ø 65 mm	0010001666	on request
S 65 C - G 65 F	Dispersing element, Ø 65 mm	0010001667	on request
S 65 KD - G 65 G	Dispersing element, Ø 65 mm	0010000641	\$ 3,638.00
S 65 KD - G 65 M	Dispersing element, Ø 65 mm	0010000642	\$ 3,737.00
S 65 KD - G 65 F	Dispersing element, Ø 65 mm	0010000643	\$ 3,863.00
D 60	Dissolver, Ø 60 mm	0020008388	on request
D 80	Dissolver, Ø 80 mm	0020008389	\$ 1,782.00

NOMENCLATURE DISPERSING ELEMENTS

Shaft	Outer diameter of stator		Saw-tooth	
S 50	KG - HH	- G	45	G - ST
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 bearing KD = Ball bearing with PTFE seal and FFKM O-ring				