

Rototec-Spintec products - NMR Pricelist Version 01.08.2022

• All prices are in EURO excluding sales tax valid from 1st August, 2022

Payment Terms are:

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Rototec-Spintec GmbH Terms & Conditions of Sale (German):
https://www.rototec-spintec.com/docs/AGB_GER_2017.pdf

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Probe Inserts, Sapphire Tubes and explosion protection, pg. 7

Solids NMR Zirconia MAS Rotors & Caps

1.3mm Rotors & Caps for Bruker MAS Probes | Product Group B

Article Number	Quantity/Unit Each	Price	Description
WP-602-1181	1	210,00	Vespel SP1 Caps (VT), 1.3mm OD, 1.3mm ID, V max 35kHz V max
WP-602-1182	1	150,00	Vespel SP1 Bottom Plugs (VT), 1.3mm OD, 1.3mm ID, V max 35kHz V max
WP-501-1180	1	900,00	1.3mm Rotor for Bruker MAS Probe Zirconia, 3.3uL, ID 0.9mm, V max 60kHz
RS-301-1180	1	1100,00	1.3mm MAS Rotor Cap Remover with integrated clamp 1.3mm MAS Rotor Cap Remover
WP-501-1180-Set1	1	150,00	1x 1.3mm Rotor, 2x Vespel Caps, 2x Vespel Bottom Plugs

Zirconia MAS Rotors & Caps

2.5mm Rotors & Caps for Bruker MAS Probes | Product Group B

Article Number	Quantity/Unit Each	Price	Description
	1	550,00	
WP-501-2180	5	545,00	Zirconia MAS Rotor; 2.5mm OD, 1.3mm ID, V max 35kHz
	10+	540,00	
	1	550,00	
WP-501-2181 NEW!	5	545,00	Zirconia MAS Rotor; 2.5mm OD, 1.5mm ID, V max 35kHz
	10+	540,00	
	1	550,00	
WP-501-2182 NEW!	5	545,00	Zirconia MAS Rotor; 2.5mm OD, 1.7mm ID, V max 35kHz
	10+	540,00	
WP-602-2181	1	130,00	Vespel SP1 Caps (VT), 2.5mm OD, 1.3mm ID, V max 35kHz V max
	10+	145,00	
WP-602-2183 NEW!	1	200,00	Vespel SP1 Caps (VT), 2.5mm OD, 1.5mm ID, V max 35kHz V max
	10+	195,00	
WP-602-2185 NEW!	1	250,00	Vespel SP1 Caps (VT), 2.5mm OD, 1.7mm ID, V max 35kHz V max
	10+	245,00	
WP-602-2182	1	115,00	Vespel SP1 Bottom Plugs (VT), 2.5mm OD, 1.3mm ID, V max 35kHz V max
	10+	110,00	
WP-602-2184 NEW!	1	155,00	Vespel SP1 Bottom Plugs (VT), 2.5mm OD, 1.5mm ID, V max 35kHz V max
	10+	150,00	
WP-602-2186 NEW!	1	190,00	Vespel SP1 Bottom Plugs (VT), 2.5mm OD, 1.7mm ID, V max 35kHz V max
	10+	180,00	
WP-603-2181	1	150,00	Kel-F Caps (For red. 1H Background, RT, 2.5mm OD, 1.3mm ID Rotors) 20-25 kHz Vmax
	10+	145,00	
WP-603-2182	1	115,00	Kel-F Bott. Plugs (For red. 1H Background, RT 2.5mm OD, 1,3mm ID Rotors)
	10+	110,00	
RS-201-2180	1	40,00	Manual Rotor Packer, 2.5mm, Product Group A
RS-301-2180	1	950,00	2.5mm Rotor Cap Remover for all Rotor ID, i.e. 1.3,1.5,1.7mm, Product Group A
RS-401-2180	1	29,00	2.5mm Filling funnel, Product Group A
WP-501-2180-Set1	1	995,00	1x 2.5mm OD / 1.3mm ID Rotor, 2x Vespel Caps, 2x Vespel Bottom Plugs
WP-501-2180-Set2	1	1.940,00	2x 2.5mm OD / 1.3mm ID Rotors, 4x Vespel Caps, 4x Vespel Bottom Plugs
WP-501-2180-Set3	1	4.800,00	5x 2.5mm OD / 1.3mm ID Rotors, 10x Vespel Caps, 10x Vespel Bottom Plugs

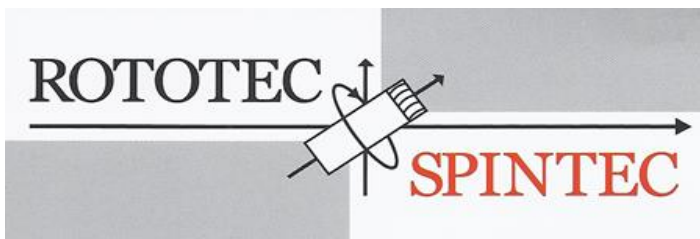


3.2mm Rotors & Caps for Bruker MAS Probes | Product Group B

Article Number	Quantity/Unit Each	Price	Description
<i>Technical note: Our 3.2mm Rotor for Bruker MAS probes is as our 2.5 i.e. using a removable bottom plug of the same material as the Rotor cap for easier Rotor cleaning.</i>			
WP-501-3180	1	520,00	Zirconia MAAS Rotor; V max 24 kHz
	5	515,00	
	10+	510,00	
WP-602-3181	1	115,00	Vespel SP1 Caps (VT) 24 kHz - V max
	10+	110,00	
WP-602-3182	1	105,00	Vespel SP1 Bottom plugs (VT) 24 kHz - V max
	10+	100,00	
WP-603-3181	1	115,00	Kel-F Caps (For reduced 1H Background, RT) 10-15 kHz - V max
	10+	110,00	
WP-603-3182	1	105,00	Kel-F Bottom Plugs (For reduced 1 H Background,RT) 10-15 kHz V max
	10+	100,00	
RS-201-3180	1	40,00	Manual Rotor Packer, 3.2mm, Product Group A
RS-301-3180	1	950,00	3.2mm Rotor Cap Remover, Product Group A
RS-401-3180	1	27,00	3.2mm Filling funnel, Product Group A
WP-501-3180-Set1	1	1.060,00	1x 3.2mm Rotor, 2x Vespel Caps, 2x Vespel Bottom Plugs
WP-501-3180-Set2	1	2.100,00	2x 3.2mm Rotors, 4x Vespel Caps, 4x Vespel Bottom Plugs
WP-501-3180-Set3	1	5.200,00	5x 3.2mm Rotors, 10x Vespel Caps, 10x Vespel Bottom Plugs





what science needs



4mm Rotors & Caps for Bruker MAS Probes | Product Group B

Article Number	Quantity/Unit Each	Price	Description
WP-501-4180	1	350,00	Zirconia MAS Rotor; V max 18kHz, for complete rotor sets see end of section 7.07µl / mm, 14mm, total volume 99µl, ID=3.00mm
	5	345,00	
	10+	340,00	
WP-501-4181	1	370,00	Zirconia MAS Rotor; V max 18kHz; laser marked with a unique number and permanent tachometer mark on the base, 7.07µl / mm, 14mm, total volume 99µl, ID=3.00mm
	5	365,00	
	10+	360,00	
WP-501-4183	1	390,00	Zirconia HR MAS Rotor; V max 12kHz, now superceded by WP-501-4185 or -4187 (Gels only, special Tight Fit caps required for pure liquids > 3kHz)
	5	385,00	
	10+	380,00	
WP-501-4185	1	440,00	4mm HR MAS Rotor reduced volume, Zirconia, V max 18kHz, fixed base, 3mm ID, 15µl, Tachometer laser-marked, Rotor only. Add Plug, JK-601-4183-15 or -TF version
WP-501-4187	1	440,00	4mm HR MAS Rotor reduced volume, Zirconia, V max 18kHz, fixed base, 3mm ID, 50µl, Tachometer laser-marked, Rotor only. Add Plug, JK-601-4183-50 or -TF version
WP-601-4181	1	55,00	Kel-F Caps, press fit.
	10+	53,00	
JK-601-4181	1	73,29	Kel-F Caps with 1 O-Ring
	10+	67,65	
JK-601-4181-S	1	78,93	Kel-F Cap Special Press Tight Fit
	10+	73,29	
JK-601-4183-15	1	118,39	Caps, 4mm, Kel-F, HR, 15µL for Room Temperature, with 2 O-rings for WP-501-4183, or -4185 or -4187 (Gels or Pure Liquids up to 3kHz)
	10+	112,75	
JK-601-4183-15TF	1	118,39	Caps, 4mm with vent plug - Kel-F, 15µl, 1 x O-Ring, RT for HR Rotor WP-501-4183 or -4185 or -4187 Tight Fit
	10+	112,75	
JK-601-4183P-15	1	56,38	Bottom Plugs, 4mm, Kel-F, HR, 15µL for Room Temperature, with 2 O-rings for WP-501-4183 (Gels or Pure Liquids up to 3kHz)
	10+	50,74	
JK-601-4183P-15TF	1	56,38	Bottom Plugs, 4mm, Kel-F, 50µl, 1 x O-Ring RT Special Press Fit for HR Rotor WP-501-4183TF
	10+	50,74	
JK-601-4183-50	1	118,39	Caps, 4mm, Kel-F, HR, 50µL for Room Temperature, with 2 O-rings for WP-501-4183, or -4185 or -4187 (Gels or Pure Liquids up to 3kHz)
	10+	112,75	
JK-601-4183-50TF	1	118,39	Caps, 4mm with vent Plug - Kel-F, 50µl 1 x O-Ring, RT Special Tight Fit for HR Rotor WP-501-4183 or -4185 or -4187
	10+	112,75	
JK-601-4183P-50	1	56,38	Bottom Plugs, 4mm, Kel-F, HR, 50µL for Room Temperature, with 2 O-rings for WP-501-4183 (Gels or Pure Liquids up to 3kHz)
	10+	50,74	
JK-601-4183P-50TF	1	56,38	Bottom Plugs, 4mm, Kel-F, 50µl, 1xO-Ring RT Special Tight Fit for HR Rotor WP-501-4183
	10+	50,74	
JK-601-4183D-50	1	50,74	1 x 3mm Kel-F Sample Shimming Discs for 4mm 50µL HR Rotors
JK-601-4184	1	50,74	Tool for 4mm HR Rotors
JK-601-4184-PIN	1	28,19	Tool for HR end Caps to remove exhaust plug
JK-601-4184TF	1	78,93	Tool for 4mm HR Rotor Caps, Tight Fit
JK-601-4185	1	28,19	Replacement plug for either JK-601-4183-15 or -50
RS-201-4180	1	23,68	Manual MAS Rotor Packer, 4.0mm, Product Group C
RS-301-4180	1	950,00	4.0mm Rotor Cap Remover, Product Group C
RS-401-4180	1	70,00	4.0mm Filling Funnel, Product Group C
JK-602-4181	1	152,22	Macor Caps with 1 O-Ring, V max 10kHz
	10+	146,58	
JK-603-4181	1	78,93	Torlon Caps with 1 O-Ring
	10+	73,29	
JK-604-4181	1	90,20	Vespel Caps with 1 O-Ring
	10+	84,57	
JK-602-4181-O	1	2,26	Viton O-Rings for Macor Caps
	10+	1,69	
JK-603-4181-O	1	2,26	Viton O-Rings for Caps excepting Macor
	10+	1,69	
WP-501-4183-Set 15	1	518,65	Rotor, 4mm Zirconia for HR, Cap and Bottom, Kel-F, 15µL
	10+	507,38	
WP-501-4183-Set 50	1	518,65	Rotor, 4mm Zirconia for HR, Cap and Bottom, Kel-F, 50µL
	10+	507,38	
WP-501-4183-Set 15TF	1	518,65	1x Rotor, 1x HR Kel-F Cap, 1x HR Kel-F Plug, 15µl, Special Tight Fit
	10+	507,38	
WP-501-4183-Set 50TF	1	518,65	1x Rotor, 1x HR Kel-F Cap, 1x HR Kel-F Plug, 50µl, Special Tight Fit
	10+	507,38	
WP-501-4180-Set 1	1	500,00	1x 4mm Rotor, 2x Kel-F Caps, 1x Torlon Cap
WP-501-4180-Set 2	1	980,00	2x 4mm Rotors, 4x Kel-F Caps, 1x Torlon Cap
WP-501-4180-Set 5	1	2.380,00	5x 4mm Rotors, 10x Kel-F Caps, 3x Torlon Caps
WP-501-4181-Set 1	1	520,00	1x 4mm Rotor, 2x Kel-F Caps, 1x Torlon Cap Lasermarked
WP-501-4181-Set 2	1	1.020,00	2x 4mm Rotor, 4x Kel-F Caps, 1x Torlon Cap Lasermarked
WP-501-4181-Set 5	1	2.480,00	5x 4mm Rotor, 10x Kel-F Caps, 3x Torlon Cap Lasermarked

7mm Rotors & Caps for Bruker MAS Probes | Product Group B

Article Number	Quantity/Unit Each	Price	Description
WP-501-7180	1	270,00	Zirconia MAS Rotor; max speed 7kHz, for complete rotor sets see end of section.
WP-601-7180	1	31,57	Kel-F Caps for DB 
	10+	22,55	
WP-601-7181	1	54,12	Kel-F Caps for BL 
	10+	50,74	
JK-601-7180	1	62,02	Kel-F Caps for DB with 1 O-Ring (10 pieces min. Order Quantity)
JK-601-7181	1	67,65	Kel-F Caps for BL with 1 O-Ring
	5	62,02	
JK-601-7181-L	1	67,65	Kel-F Caps for BL with 2 O-Rings, long shaft
	5	62,02	
JK-601-7181-WH	1	95,84	Kel-F Caps for BL, 1 O-Ring, Axial hole, (10 pieces min. Order Quantity)
JK-601-7181-LWH	1	95,84	Kel-F Caps for BL, 2 O-Rings, Axial hole, (10 pieces min. Order Quantity)
JK-602-7180	1	118,39	Macor Caps for DB, with 1 O-Ring (10 pieces min. Order Quantity)
JK-602-7180-L	1	124,03	Macor Caps for DB with 2 O-Rings; long (10 pieces min. Order Quantity)
JK-602-7181	1	124,03	Macor Caps for BL with 1 O-Ring
	5	112,75	
JK-602-7181-L	1	135,30	Macor Caps for BL with 2 O-Rings, long shaft
	5	124,03	
JK-603-7180	1	73,29	Torlon Caps for DB with 1 O-Ring (10 pieces min. Order Quantity)
JK-603-7180-L	1	67,65	Torlon Caps for DB with 2 O-Rings; long (10 pieces min. Order Quantity)
JK-603-7181	1	78,93	Torlon Caps for BL with 1 O-Ring
	5	73,29	
JK-603-7181-WH	1	90,20	Torlon Caps for BL, 1 O-Ring, Axial hole, (10 pieces min. Order Quantity)
JK-603-7181-L	1	73,29	Torlon Caps for BL with 2 O-Rings, long shaft
	5	67,65	
JK-603-7181-LWH	1	101,48	Torlon Caps for BL, 2 O-Rings, Axial hole, (10 pieces min. Order Quantity)
JK-601-7180-O	1	2,26	Viton O-Rings
	10+	1,69	
WP-501-7180-Set 1	1	400,00	1x 7mm Rotor, 2x Kel-F Cap, 1x Torlon Cap (BL)
WP-501-7180-Set 2	1	775,00	2x 7mm Rotors, 4x Kel-F Cap, 2x Torlon Caps (BL)
WP-501-7180-Set 5	1	1.900,00	5x 7mm Rotors, 10x Kel-F Caps, 5x Torlon Caps (BL)

4mm Rotors & Caps for Varian MAS Probes (Jakobsen style) | Product Group B

Article Number	Quantity/Unit Each	Price	Description
WP-501-4224	1	902,00	Silicon Nitride (Si ₃ N ₄) MAS Rotor; max. speed 18kHz
	5	890,73	
	10+	879,45	
JK-601-4224	1	191,68	Kel-F Caps with 2 O-Rings
	5+	180,40	
JK-603-4224	1	191,68	Torlon Caps with 2 O-Rings
	5+	180,40	
JK-603-4224-WH	1	202,95	Torlon Caps with 2 O-Rings and an axial hole for venting, 5 minimum order
JK-603-4224-O	1	2,26	Viton O-Rings

5mm Rotors & Caps for Varian MAS Probes (Jakobsen style) | Product Group B

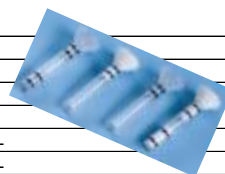
Article Number	Quantity/Unit Each	Price	Description
WP-501-5225	1	462,28	Zirconia MAS Rotor; max. speed 13kHz
	5	456,64	
	10+	451,00	
JK-601-5225	1	191,68	Kel-F Caps with 2 O-Rings
	5+	180,40	
JK-603-5225	1	191,68	Torlon Caps with 2 O-Rings
	5+	180,40	
JK-603-5225-WH	1	214,23	Torlon Caps with 2 O-Rings and an axial hole for venting, 5 minimum order
JK-603-5225-O	1	2,26	Viton O-Rings

7mm Rotors & Caps for Varian MAS Probes (Jakobsen style) | Product Group B

Article Number	Quantity/Unit Each	Price	Description
WP-501-7225	1	462,28	Zirconia MAS Rotor; max speed 7kHz
	5	456,64	
	10+	451,00	
JK-601-7225	1	191,68	Kel-F Caps with 2 O-Rings
	5	180,40	
JK-603-7225	1	191,68	Torlon Caps with 2 O-Rings
	5	180,40	
JK-603-7225-WH	1	202,95	Torlon Caps with 2 O-Rings and an axial hole for venting, 5 minimum order
JK-603-7225-O	1	2,26	O-Ring for 7mm Caps, Viton O-Rings

High Resolution Rotors for the Varian Nano Probes (excluding gHx) | Product Group B

Article Number	Quantity/Unit Each	Price	Description
WP-502-4225/C	1	135,30	Pyrex with bottom
WP-502-4225/O	1	135,30	Pyrex without bottom
WP-502-4226	1	383,35	Zirconia without bottom
WP-7021-4225/110	1	236,78	Pyrex with bottom and Kel-F Cap 110µL
WP-7021-4225/40	1	259,33	Pyrex with Kel-F Cap and Bottom Plug 40µL
WP-7021-4225/60	1	259,33	Pyrex with Kel-F Cap and Bottom Plug 60µL
WP-7021-4226/40	1	484,83	Zirconia with Kel-F Cap and Bottom Plug 40µL
WP-7021-4226/60	1	484,83	Zirconia with Kel-F Cap and Bottom Plug 60µL
WP-7024-4225/110	1	225,50	Pyrex with bottom and Ertalyte Cap 110µL
WP-7024-4225/40	1	259,33	Pyrex with Ertalyte Cap and Bottom Plug 40µL
WP-7024-4225/60	1	259,33	Pyrex with Ertalyte Cap and Bottom Plug 60µL
JK-601-4225FT	1	28,19	Cap Tool

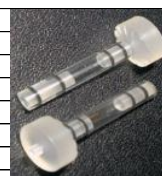


High Resolution Rotors for the Varian Nano Probes (excluding gHx) | Product Group B

Article Number	Quantity/Unit Each	Price	Description
JK-601-4225/40	1	90,20	Kel-F Cap 40µL
JK-601-4225	1	90,20	Kel-F Cap 60µL and 110µL
JK-601-4225P/40	1	50,74	Bottom Plug Kel-F 40µL
JK-601-4225P/60	1	50,74	Bottom Plug Kel-F 60µL
JK-604-4225/40	1	78,93	Cap Ertalyte (PET) 40µL
JK-604-4225	1	78,93	Ertalyte (PET) Cap 60µL and 110µL
JK-604-4225P/40	1	28,19	Bottom Plug Ertalyte 40µL
JK-604-4225P/60	1	28,19	Bottom Plug Ertalyte 60µL

High Resolution Rotors for the Varian gHx Nano Probes | Product Group B

Article Number	Quantity/Unit Each	Price	Description
WP-502-4225/C	1	135,30	Pyrex with bottom
WP-502-4225/O	1	135,30	Pyrex without bottom
WP-502-4226 NEW!	1	383,35	Zirconia without bottom
WP-7021-4225F/110	1	304,43	Pyrex with bottom and Kel-F Cap 110µL
WP-7021-4225F/40	1	338,25	Pyrex with Kel-Cap and Bottom Plug 40µL
WP-7021-4225F/60	1	338,25	Pyrex with Kel-Cap and Bottom Plug 60µL
WP-7021-4226F/40 NEW!	1	484,83	Zirconia with Kel-Cap and Bottom Plug 40µL
WP-7021-4226F/60 NEW!	1	484,83	Zirconia with Kel-Cap and Bottom Plug 60µL











High Resolution Rotors for the Varian gHx Nano Probes | Product Group B







Article Number	Quantity/Unit Each	Price	Description
JK-601-4225F/40	1	191,68	Kel-F Cap 40µL
JK-601-4225F	1	191,68	Kel-F Cap 60µL and 110µL
JK-601-4225FP/40	1	45,10	Bottom Plug Kel-F 40µL
JK-601-4225FP/60	1	45,10	Bottom Plug Kel-F 60µL

Spinner Turbines & Accessories

Spinner Turbines for Bruker NMR Systems, 100MHz to 1.2 GHz | Product Group A

Article Number	Quantity/Unit Each	Price	Description
B-PEEK-10 	1	250,00	10mm Spinner Turbine for Bruker Systems, VT; (-150 °C to +200 °C), ca. 13 g
	10+	240,00	
STB-10 	1	100,00	10mm Spinner Turbine for Bruker Systems, RT; New Design ca. 13g
	10+	95,00	
STB-3 NEW! 	1	160,00	3mm Spinner Turbine for Bruker Systems, RT; new 4 O ring Design, ca. 15 g
	10+	150,00	
STB-5 	1	105,00	5mm Spinner Turbine for Bruker Systems, RT; new 4 O ring Design, ca. 13 g
	10+	100,00	
STB-5-Colour NEW!	1	125,00	5mm Spinner Turbine for Bruker Systems, RT; new 4 O ring Design, ca. 13 g, white top finger for faster dirt recognition; Avail. colours besides the stand. White: Black, Red, Yellow, Green & Blue
	10+	120,00	
B-KEL-F-3 NEW! 	1	340,00	3mm HEAVY Spinner Turbine Kel-F for Bruker Systems, Limited VT (-20 °C to +120 °C); new 4 O ring design, ca. 23g
	10	330,00	
B-PEEK-3 NEW!	1	260,00	3mm Spinner Turbine PEEK for Bruker Systems, VT (-150 °C to +200 °C); new 4 O ring design, ca. 13g (Does not break as quickly as a Ceramic Spinner when dropped!)
	5+	250,00	
	10+	240,00	
B-PEEK-5 	1	260,00	5mm Spinner Turbine PEEK for Bruker Systems, VT (-150 °C to +200 °C); new 4 O ring design, ca. 13g (Does not break as quickly as a Ceramic Spinner when dropped!)
	5+	250,00	
	10+	240,00	
B-PEEK-3-NS 	1	280,00	3mm Spinner Turbine PEEK for Bruker Systems, with exchangeable PEEK Fingers, 3mm; ca. 13g, optimised for non-spinning operation.
	5+	275,00	
	10+	270,00	
B-PEEK-5-NS 	1	280,00	5mm Spinner Turbine PEEK for Bruker Systems, with exchangeable PEEK Fingers, 5mm; ca. 13g, optimised for non-spinning operation.
	5+	275,00	
	10+	270,00	

Spinner Turbines for Varian NMR Systems | Product Group A

Article Number	Quantity/Unit Each	Price	Description
V-GFK-10 / O	1	214,23	10mm Spinner Turbine for Agilent (Varian) Systems, Original, VT (-150 °C to + 200 °C)
	10+	202,95	
V-PEEK-10	1	225,50	10mm Spinner Turbine for Agilent (Varian) Systems, PEEK, VT (-150 °C to + 200 °C)
	10+	214,23	
V-PEEK-8	1	225,50	8mm Spinner Turbine for Agilent (Varian) Systems, PEEK, VT (-150 °C to + 200 °C)
	10+	214,23	
STV-10	1	169,13	8mm Spinner Turbine for Agilent (Varian) Systems, RT
	10+	157,85	
STV-8	1	169,13	8mm Spinner Turbine for Agilent (Varian) Systems, RT
	10+	157,85	
STV-5 	1	169,13	5mm Spinner Turbine for Varian Systems, RT
	5+	163,49	
	10+	157,85	
	30+	152,22	
V-PEEK-5 	1	236,78	5mm Spinner Turbine PEEK for Varian Systems, VT (-150 °C to + 200 °C)
	5+	231,14	
	10+	225,50	
STV-3-NS 	1	202,95	3mm Spinner Turbine POM for Varian Systems, RT with exchangeable Finger, 3mm plus Mass Multiplier Ring
	5+	197,32	
	10+	191,68	
STV-5-NS 	1	202,95	5mm Spinner Turbine POM for Varian Systems, RT with exchangeable Finger, 5mm plus Mass Multiplier Ring
	5+	197,32	
	10+	191,68	
V-PEEK-3-NS 	1	259,33	3mm Spinner Turbine PEEK for Varian Systems, -150°C + 200 °C with exchangeable PEEK Fingers, 3mm plus Mass Multiplier Ring, optimised for non-spinning operation. Also available for 4mm.
	5+	253,69	
	10+	248,05	
V-PEEK-5-NS 	1	259,33	5mm Spinner Turbine PEEK for Varian Systems, -150°C + 200 °C with exchangeable PEEK Fingers, 5mm plus Mass Multiplier Ring, optimised for non-spinning operation. Also available for 4mm.
	5+	253,69	
	10+	248,05	

Accessories for all Spinner Turbines | Product Group A

Article Number	Quantity/Unit Each	Price	Description
UNI-FINGER-POM-3	1	33,83	3mm POM Finger for B-PEEK-X-NS / V-PEEK-X-NS with 2 O-Rings, RT
	10+	28,19	
UNI-FINGER-POM-4	1	33,83	4mm POM Finger for B-PEEK-X-NS / V-PEEK-X-NS with 2 O-Rings, RT
	10+	28,19	
UNI-FINGER-POM-5	1	33,83	5mm POM Finger for B-PEEK-X-NS / V-PEEK-X-NS with 2 O-Rings, RT
	10+	28,19	
UNI-FINGER-PEEK-3	1	39,47	3mm PEEK Finger for B-PEEK-X-NS / V-PEEK-X-NS with 2 O-Rings, VT
	10+	33,83	
UNI-FINGER-PEEK-4	1	39,47	4mm PEEK Finger for B-PEEK-X-NS / V-PEEK-X-NS with 2 O-Rings,VT
	10+	33,83	
UNI-FINGER-PEEK-5	1	39,47	5mm PEEK Finger for B-PEEK-X-NS / V-PEEK-X-NS with 2 O-Rings, VT
	10+	33,83	
UNI-MASSMULTI	1	45,10	Mass Multiplier Ring PEEK for all 5mm Bruker or Varian -NS Style Spinner Turbines with one or two O-Rings on the top; ca. 10g
	10+	39,47	
UNI-MM-10	1	16,92	Mass Multiplier Ring for all 10 mm Bruker Spinner Turbines with one large external O-Ring on the top; ca. 10g
	10+	14,66	
STB-5-O-RING	1	1,69	O-Ring for STB-5 / STV3-NS / STV5-NS (black, RT)
	10+	1,46	
O-RING-8-3-RED	1	2,49	O-Ring for B-PEEK-5 / UNI-FINGER (Red, VT)
	10+	2,26	
STB-10-O-RING	1	1,69	O-Ring for STB-10 (Black, RT) -50°→+130° C
	10+	1,46	
B-PEEK-10-O/RING	1	2,49	O-Ring for B-PEEK-10 (Red, VT)
	10+	2,26	
STV-5-O-RING	1	2,49	O-Ring for STV-5 / V-PEEK-5 / GFK-5 (Red, VT) -55°→+200° C
	10+	2,26	
STB-5-TACHO	1	2,26	Tacho-Strips for STB-5
	10+	2,04	
STV-5-TACHO	1	2,26	Tacho-Strips for STV-5
	10+	2,04	
B-PEEK-TACHO	1	2,26	Tacho-Strips for B-PEEK
	10+	2,04	

Inserts for Spinner Turbines | Product Group A

Article Number	Quantity/Unit Each	Price	Description
WP-INS-1.7	1	84,57	Insert for Spinner Turbines for 1,7mm Capillaries, also available in PEEK as a special
	5+	78,93	
WP-INS-2.0	1	84,57	Insert for Spinner Turbines for 2,0mm Capillaries
	5+	78,93	
WP-INS-2.5	1	84,57	Insert for Spinner Turbines for 2,5mm Capillaries
	5+	78,93	
WP-INS-3.0	1	84,57	Insert for Spinner Turbines for 3,0mm Capillaries
	5+	78,93	

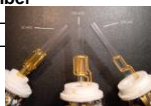
Complete Kit for small sample investigation | Product Group A

Article Number	Quantity/Unit Each	Price	Description
B-GFK-Kit / V-GFK-Kit	1	845,63	Complete Kit including the following items:
B-PEEK-10 / V-GFK-10	1		10mm Spinner Turbine VT, either for Bruker or Varian NMR Systems
WP-INS-1.7	1		Insert for Spinner Turbine for 1,7mm Capillaries
WP-INS-2.0	1		Insert for Spinner Turbine for 2,0mm Capillaries
WP-INS-2.5	1		Insert for Spinner Turbine for 2,5mm Capillaries
WP-INS-3.0	1		Insert for Spinner Turbine for 3,0mm Capillaries
WG-1364-1.7-125	1		1.7mm OD Pyrex NMR Capillaries 125mm, pack of 10
WG-1364-2.0-125	1		2.0mm OD Pyrex NMR Capillaries 125mm, pack of 10
WG-1364-2.5-125	1		2.5mm OD Pyrex NMR Capillaries 125mm, pack of 10
305-PS-125	2		3mm OD Pyrex NMR Tubes 125mm long
513-3-PP-OB	2		10mm Pyrex NMR Tube (open both ends)
DC-501	1		Single-use Syringe 1ml, Pack of 10
DC-502	1		Single-use Needle 0,6x30mm, Pack of 10
DC-503	1		PTFE Tubing 0,7x125mm, Pack of 10



Quartz glass Inserts for Bruker Probes | Product Group B

Article Number	Quantity/Unit Each	Price	Description
DC-402	1	99,00	5mm Quartz glass Insert for newer Probes (5.575 x 6.1 x 64mm)
DC-403	1	99,00	5mm Quartz glass Insert for Dual-Flow Probes (5.575 x 6.1 x 54.5mm)



Sapphire NMR Tubes | Product Group C

Article Number	Quantity/Unit Each	Price	Description
SR-19568	1	400,00	5mm (4.92mm OD) Sapphire Tube, 3.4mm ID, 7" long (178mm), EC manufacture
SR-19569	1	244,00	5mm (4.92mm OD) Sapphire Tube, 3.4mm ID, 7" long (93mm), EC manufacture
SR-19570	1	128,00	5mm (4.8mm OD) Sapphire Tube, 3.4mm ID, 7" long (178mm), no pressure EC manufacture
SR-20061	1	660,00	10mm (9.92mmOD) Sapphire Tube, 7mm ID, 7" long (178mm), EC manufacture
SR-CUSTOM	-		Other Sizes available on request!

Explosion Protection for Glass / Sapphire / Ceramic NMR Tubes | Product Group A

Article Number	Quantity/Unit Each	Price	Description
RS-EXPL-PROTECT NEW!	1	500,00	Explosion protection for NMR Tubes which have any gas present in excess of 500 Bar For Bruker systems with integrated Optic Sensor and all Varian/Agilent NMR systems up to 500 Bar



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