

# Price list 2026



Bruker Consumables

# Price list – Bruker Consumables

DEUTERO

NMR Spectroscopy

## Best-seller

### Tubes and Caps

Product	Description	Variant	Price in €
Z112273	Rack with 96 sample tubes for use with SampleJet	5mm	319,60 €
Z112272	Rack with 96 sample tubes for use with SampleJet	3mm	319,60 €
Z106462	Rack with 96 sample tubes for use with SampleJet	1.7mm	325,50 €
Z107504	Rack with 96 sample tubes for use with SampleJet	1mm	338,77 €
Z168405	5 Racks with 96 Sample Tubes each for use with SampleJet	5mm	1.343,41 €
Z168406	5 Racks with 96 Sample Tubes each for use with SampleJet	3mm	1.343,41 €
Z168407	5 Racks with 96 Sample Tubes each for use with SampleJet	1.7mm	1.460,00 €
Z168408	5 Racks with 96 Sample Tubes each for use with SampleJet	1mm	1.518,64 €
Z172600	Unracked 7" NMR-Tubes with coded CLOSED caps	5mm	202,10 €
Z172598	Unracked 7" NMR-Tubes with coded CLOSED caps	3mm	252,60 €
Z107163	Coded CLOSED caps for Bruker NMR Tubes	3mm	78,73 €
Z106779	Coded CLOSED caps for Bruker NMR Tubes	5mm	78,73 €
Z172597	Unracked 4" NMR-Tubes with coded CLOSED caps for use with SampleJet	3mm	181,07 €
Z172599	Unracked 4" NMR-Tubes with coded CLOSED caps for use with SampleJet	5mm	181,07 €
34100277	Unracked 4" NMR-Tubes with coded OPEN caps for use with SampleJet	5mm	199,92 €
34105721	Unracked 4" NMR-Tubes with coded OPEN caps for use with SampleJet	3mm	199,92 €
34105722	Unracked 7" NMR-Tubes with coded OPEN caps for use with SampleJet	5mm	210,28 €
34105723	Unracked 7" NMR-Tubes with coded OPEN caps for use with SampleJet	3mm	262,84 €
19203	EPR Glass Capillaries	-	142,97 €
E221003_00	EPR Quartz Sample Tubes	OD 3mm / 250mm	303,41 €
E221004_00	EPR Quartz Sample Tubes	OD 4mm / 250mm	338,33 €
E221005_00	EPR Quartz Sample Tubes	OD 5mm / 250mm	366,71 €
E8000300	EPR Quartz Sample Tubes	OD 3mm / 165mm	56,75 €

Product	Description	Variant	Price in €
E8000301	EPR Quartz Sample Tubes	OD 4mm / 165mm	56,75 €
E8000302	EPR Quartz Sample Tubes	OD 5mm / 165mm	56,75 €
E8000303	EPR Quartz Sample Tubes	OD 6mm / 165mm	56,75 €
E8000306	EPR Quartz Sample Tubes	OD 3mm / 260mm	67,67 €
E8000307	EPR Quartz Sample Tubes	OD 4mm / 260mm	67,67 €
Z107376	Uncoded OPEN caps for Bruker NMR Tubes	3mm	36,37 €
Z105912	Uncoded OPEN caps for Bruker NMR Tubes	5mm	36,37 €
Z107474	Uncoded CLOSED caps for Bruker NMR Tubes	3mm	36,37 €
Z105683	Uncoded CLOSED caps for Bruker NMR Tubes	5mm	36,37 €
1881108	SC1 NMR TUBES, std quality, 100 pcs	-	815,52 €
Z163894	Reference Cap 3 mm or 5 mm for Samplejet	3mm	154,29 €
Z163895	Reference Cap 3 mm or 5 mm for Samplejet	5mm	154,29 €
1811642	NMR Septum Caps 5 mm 100St. cpl	-	65,02 €
Z147554	POM balls to close SampleJet caps	red	32,40 €
Z72497	POM balls to close SampleJet caps	white	34,90 €
Z147553	POM balls to close SampleJet caps	blue	32,40 €
Z147552	POM balls to close SampleJet caps	orange	32,40 €
Z147555	POM balls to close SampleJet caps	yellow	32,40 €
Z106898	Shaped Sample Tubes single	-	298,20 €
1811641	NMR Septum Caps 5 mm 100St. with slot cpl	-	87,06 €

## Shuttles & Spinners

Product	Description	Variant	Price in €
Z192376	SB Shuttle for MAS Rotors	3.2mm	1.574,37 €
Z175710	SB Shuttle for MAS Rotors	4mm	1.774,12 €
Z105515	USC Shuttle for SampleJet	5mm	2.492,99 €
Z105909	USC Shuttle for SampleJet	3mm	2.361,79 €
Z106558	USC Shuttle for SampleJet	1.7mm	699,72 €

Product	Description	Variant	Price in €
Z107648	USC Shuttle for SampleJet	1mm	301,79 €
Z179270	USC Shuttle for SampleJet	5mm UHF	2.808,46 €
Z179269	USC Shuttle for SampleJet	3mm UHF	2.808,46 €
Z42516	Spinner standardbore shimsystems	5mm POM	151,30 €
Z45665	Spinner standardbore shimsystems	3mm POM	302,60 €
Z5293	Spinner standardbore shimsystems	10mm POM	151,30 €
Z169633	Spinner standardbore shimsystems	5mm Ceramics	833,37 €
Z49727	Spinner standardbore shimsystems	3mm Ceramics	978,24 €
Z192388	Spinner standardbore shimsystems	10mm Ceramics	844,91 €
H00177	Spinner standardbore shimsystems	5mm Kel-F	223,06 €
Z45666	Spinner standardbore shimsystems	3mm Kel-F	590,00 €
H00306	Spinner standardbore shimsystems	10mm Kel-F	279,30 €
Z75327	Shaped Sample Tube Shuttle	-	1.267,22 €
Z42516A	Type A POM Spinner standardbore shimsystems (5 mm)	-	236,19 €
Z106492	Shuttle POM to hold sample tube 1 - 1.7 mm	-	249,30 €
Z137538	Shaped Shigemi Tube Shuttle (5mm)	-	380,50 €

## Rotors

Product	Description	Variant	Price in €
HZ15196	2.5 mm MAS Rotor Kit	-	1.243,07 €
HZ16916	3.2 mm MAS Rotor Kit	-	1.350,64 €
H14357	7 mm MAS Rotor Kit	Kel-F	970,70 €
K1921	7 mm MAS Rotor Kit	Kel-F & Vespel	1.168,21 €
H14358	7 mm MAS Rotor Kit	Kel-F & Zirconia	2.601,28 €
H14355	4mm MAS Rotor Kit	Kel-F	843,16 €
K1910	4mm MAS Rotor Kit	Kel-F & Vespel	929,04 €
H14356	4mm MAS Rotor Kit	Kel-F & Zirconia	2.226,84 €
H194986	0.4 mm MAS Rotor Kit	-	5.150,21 €

Product	Description	Variant	Price in €
H153268	0.7mm MAS Rotor Kit	-	3.948,24 €
HZ14752	1.3 mm MAS Rotor Kit	Standard	2.083,79 €
HZ14752-01	1.3 mm MAS Rotor Kit	DNP	2.961,80 €
H123832	1.9 mm MAS Rotor Kit	Standard	2.155,18 €
H123832-01	1.9 mm MAS Rotor Kit	DNP	3.065,99 €

## MAS Cap

Product	Description	Variant	Price in €
Z174268	3.2 mm Rotor Cap for CryoProbes	-	209,92 €
H193194	2.5mm MAS Rotor Caps	-	840,43 €
H183243	1.9mm MAS Rotor Caps	-	716,34 €
H183242	1.3mm MAS Rotor Caps	-	716,34 €
H162624	0.7mm MAS Rotor Caps	-	1.508,92 €
H6244	7mm MAS Rotor Caps	Kel-F	198,92 €
HZ2717	7mm MAS Rotor Caps	Zirconia	970,05 €
H153899	7mm MAS Rotor Caps	Vespel	219,31 €
HZ16253	3.2 mm MAS Rotor Caps	Vespel	254,54 €
HZ12372	3.2 mm MAS Rotor Caps	Zirconia	1.243,76 €
H162807	3.2 mm MAS Rotor Caps	-	698,72 €
H6304	4 mm MAS Rotor Cap	Kel-F	91,85 €
HZ12360	5 mm MAS Rotor Cap	Vespel	177,14 €
HZ05951	6 mm MAS Rotor Cap	Zirconia	1.030,49 €

## Spare parts & others

Product	Description	Variant	Price in €
Z106364	USC Spare Parts Kit for SampleJet	-	201,15 €

# Rest

## Tubes and Caps

Product	Description	Variant	Price in €
H182310	Fourier 80 Cap for flame sealed samples	-	359,55 €
W182501	Fourier 80 Cap with white ball for Lineshape Standard Reference Sample	-	119,48 €
W182500	Fourier 80 Cap with blue ball for Shim Standard Reference Sample	-	119,48 €
1823417	NMR Microscopy Tubes	5mm	26,24 €
1823869	NMR Microscopy Tubes	10mm	18,89 €
1823870	NMR Microscopy Tubes	15mm	18,37 €
1823871	NMR Microscopy Tubes	20mm	19,15 €
1823873	NMR Microscopy Tubes	25mm	20,67 €
1823876	NMR Microscopy Tubes	30mm	21,84 €
E1405321_15	TD-NMR Glass Tubes	7.5mm / with Caps	1.222,25 €
E1405321_10	TD-NMR Glass Tubes	10mm / with Caps	313,75 €
E1405321_11	TD-NMR Glass Tubes	18mm / with Caps	192,30 €
E1405321_12	TD-NMR Glass Tubes	40mm / with Caps	346,91 €
E1405321_13	TD-NMR Glass Tubes	50mm / with Caps	411,59 €
1903042	TD-NMR Glass Tubes	7.5mm / without Caps	1.161,20 €
1824511	TD-NMR Glass Tubes	10mm / without Caps	285,64 €
1824512	TD-NMR Glass Tubes	18mm / without Caps	161,94 €
1824513	TD-NMR Glass Tubes	40mm / without Caps	291,00 €
1852653	TD-NMR Glass Tubes	50mm / without Caps	362,11 €
1903055 PAC	TD-NMR Glass Tubes	7,5 mm caps only	157,50 €
11741 PAC	TD-NMR Glass Tubes	10 mm caps only	105,00 €
87078 PAC	TD-NMR Glass Tubes	18 mm caps only	63,00 €
85888 PAC	TD-NMR Glass Tubes	26 mm caps only	73,50 €
68246 PAC	TD-NMR Glass Tubes	40 mm caps only	36,75 €
1822817 PAC	TD-NMR Glass Tubes	50 mm caps only	73,50 €
E1405321_14	TD-NMR Glass Tubes	26 mm with caps	276,15 €

Product	Description	Variant	Price in €
1833296	TD-NMR Glass Tubes	26 mm w/o caps	103,95 €
86553	MATCH NMR Tubes	1mm	26,24 €
29138	MATCH NMR Tubes	1.7mm	26,24 €
67539	MATCH NMR Tubes	2mm	26,24 €
16545	MATCH NMR Tubes	2.5mm	26,24 €
86464	MATCH NMR Tubes	3mm	26,24 €
86463	MATCH NMR Tubes	4mm	26,24 €
HZ12654	MATCH NMR Tubes	4.25mm	57,64 €
86462	MATCH NMR Tubes	5mm	26,24 €
Z10684A	Bruker optimized Shigemi Tube 5mm	CD3OD	199,44 €
Z10682A	Bruker optimized Shigemi Tube 5mm	CDCL3	206,93 €
Z10681A	Bruker optimized Shigemi Tube 5mm	D2O	206,93 €
Z10685A	Bruker optimized Shigemi Tube 5mm	DMSO-D6	199,44 €
1808820	Teflon caps for 4 ml vials PU/25 pcs.	-	580,27 €
34101319	Bruker 5 mm NMR Valved Tubes	Standard	136,95 €
34101320	Bruker 5 mm NMR Valved Tubes	Short	136,95 €

## Rotors

Product	Description	Variant	Price in €
Z163918	3.2 mm Rotor Kit for CryoProbes with zirconia rotor	-	1.854,77 €
Z163919	3.2 mm Rotor Kit for CryoProbes with silicon nitride rotor	-	4.198,32 €
H176385	3.2 mm DNP Soft silicone plugs (10 pieces package)	-	109,10 €
H13861	3.2 mm Sapphire Rotor Kits for DNP	-	4.171,86 €
HZ14471	3.2 mm Sapphire Rotor for DNP	-	1.098,77 €
H191765	HRMAS Rotor Insert Kit	50 µl	971,29 €
H191762	HRMAS Rotor Insert Kit	12 µl	887,56 €

## Buffer

Product	Description	Variant	Price in €
H145685_01	NMR Urine Buffer	100ml	1.049,58 €
H170045	NMR Urine Buffer	250ml	1.508,92 €
H161842	NMR CSF Buffer	-	787,68 €
H145686_01	NMR Plasma Buffer	100ml	787,68 €
H170046	NMR Plasma Buffer	250ml	1.561,78 €
H129666	Food Buffer Type A 100 ml	-	1.049,67 €
H129667	Food Buffer Type B 100 ml	-	1.049,67 €
H140842	Food Buffer Type C 100 ml	-	1.049,67 €

## Inserts & plugs

Product	Description	Variant	Price in €
Z171725	Teflon Spacers for MAS CryoProbes	Top; 0.5mm	9,45 €
Z173781	Teflon Spacers for MAS CryoProbes	Top; 1.0mm	18,89 €
Z173782	Teflon Spacers for MAS CryoProbes	Top; 2.0mm	18,89 €
Z173783	Teflon Spacers for MAS CryoProbes	Top; 3.0mm	18,89 €
Z173784	Teflon Spacers for MAS CryoProbes	Top; 4.0mm	18,89 €
Z173785	Teflon Spacers for MAS CryoProbes	Top; 5.0mm	18,89 €
Z173786	Teflon Spacers for MAS CryoProbes	Top; 6.0mm	18,89 €
Z171726	Teflon Spacers for MAS CryoProbes	Bottom; 1.0mm	12,59 €
Z171727	Teflon Spacers for MAS CryoProbes	Bottom; 2.0mm	12,59 €
Z171728	Teflon Spacers for MAS CryoProbes	Bottom; 3.0mm	12,59 €
Z171729	Teflon Spacers for MAS CryoProbes	Bottom; 4.0mm	12,59 €
Z171730	Teflon Spacers for MAS CryoProbes	Bottom; 5.0mm	12,59 €
Z171731	Teflon Spacers for MAS CryoProbes	Bottom; 6.0mm	12,59 €
H160697	3.2 mm DNP Short PTFE spacer for powder samples	-	138,93 €
E1405258_01	Plugs for TD-NMR Glass tubes	18mm	418,33 €
E1405266_01	Plugs for TD-NMR Glass tubes	10mm	418,33 €
HZ13618	Ph MAS Insert 3.2 L3 PTFE	-	41,43 €

## Reference Sample

Product	Description	Variant	Price in €
AH3083_07V	Pre-Packed NMR Rotors	0.7mm	25.739,70 €
AH3083_13V	Pre-Packed NMR Rotors	1.3mm	13.384,64 €
AH3083_19V	Pre-Packed NMR Rotors	1.9mm	13.384,64 €
AH3083_25V	Pre-Packed NMR Rotors	2.5mm	13.384,64 €
AH3083_32VA	Pre-Packed NMR Rotors	3.2mm	13.384,64 €
AH3083_40VK	Pre-Packed NMR Rotors	4mm	13.384,64 €
AH3083_70VK	Pre-Packed NMR Rotors	7mm	13.384,64 €

## Reference Standards

Product	Description	Variant	Price in €
Z10690	Fourier 80 Standard Reference Samples	1% EB 1H in CDCl <sub>3</sub>	204,93 €
Z10688	Fourier 80 Standard Reference Samples	5% H <sub>2</sub> O 0.6 mm CUSO <sub>4</sub> D <sub>2</sub> O	200,72 €
Z10689	Fourier 80 Standard Reference Samples	20% CHCl <sub>3</sub> in Aceton-d <sub>6</sub> 5 mm	204,93 €
Z10694	Fourier 80 Standard Reference Samples	100% EB 13C	196,89 €
Z187876	Fourier 80 Standard Reference Samples	PAMOIC ACID	280,49 €
1814255	Fourier 80 Standard Reference Samples	0.5 % TFT in CDCl <sub>3</sub>	204,93 €
1807022	Fourier 80 Standard Reference Samples	0.485 TPP	204,93 €
1811573	Fourier 80 Standard Reference Samples	100% HDMSO	204,93 €
1807009	Fourier 80 Standard Reference Samples	1 M LIBR	204,93 €
1811571	Fourier 80 Standard Reference Samples	0.75 M BORIC ACID IN D <sub>2</sub> O	204,93 €
1902712	Fourier 80 Standard Reference Samples	0.5 M NAACL	204,93 €
Z10692	Fourier 80 Standard Reference Samples	1 M Methanol 13C in D <sub>2</sub> O	204,93 €
1900589	Fourier 80 Standard Reference Samples	METHANOL-D <sub>4</sub> 99.8 AT% D	204,93 €
1900592	Fourier 80 Standard Reference Samples	80% GLYCOL	204,93 €
H161227-35	NMR Sample Methanol for food applications 5 mm	-	533,79 €
H161225-35	NMR Sample Sucrose for food applications 5 mm	-	509,80 €
H144519-15	NMR Sample QuantRefC for Clinical Research Applications	5mm	499,80 €

<b>Product</b>	<b>Description</b>	<b>Variant</b>	<b>Price in €</b>
<b>H144519-01</b>	NMR Sample QuantRefC for Clinical Research Applications	3mm	499,80 €
<b>H144519-35</b>	NMR Sample QuantRef C for food applications 5 mm	-	474,81 €
<b>H161225</b>	NMR Sample Sucrose for Clinical Research Applications	5mm	509,80 €
<b>H161226</b>	NMR Sample Sucrose for Clinical Research Applications	3mm	558,78 €
<b>H161227</b>	NMR Sample Methanol for Clinical Research Applications	5mm	533,79 €
<b>H161228</b>	NMR Sample Methanol for Clinical Research Applications	3mm	621,75 €
<b>H161231</b>	NMR Sample of Pseudo Body Fluid for Clinical Research Applications	Plasma 5mm	552,78 €
<b>H161232</b>	NMR Sample of Pseudo Body Fluid for Clinical Research Applications	Plasma 3mm	601,76 €
<b>H161229</b>	NMR Sample of Pseudo Body Fluid for Clinical Research Applications	Urine 5mm	532,79 €
<b>H161230</b>	NMR Sample of Pseudo Body Fluid for Clinical Research Applications	Urine 3mm	601,76 €
<b>H161570</b>	NMR Sample of Pseudo Body Fluid for Clinical Research Applications	CSF 5mm	532,79 €
<b>H161571</b>	NMR Sample of Pseudo Body Fluid for Clinical Research Applications	CSF 3m	601,76 €
<b>Z10717</b>	NMR Standard Reference Sample for 1.7 mm Probes	1H lineshape (Z10717)	203,43 €
<b>Z10718</b>	NMR Standard Reference Sample for 1.7 mm Probes	1H Sensitivity (Z10718)	130,17 €
<b>Z10719</b>	NMR Standard Reference Sample for 1.7 mm Probes	Water Suppressionto for Cryoprobe (Z10719)	187,69 €
<b>Z10720</b>	NMR Standard Reference Sample for 1.7 mm Probes	Water Suppression for RT probes (Z10720)	187,69 €
<b>Z10721</b>	NMR Standard Reference Sample for 1.7 mm Probes	15N & 13C Pulse Calibration (Z10721)	187,69 €
<b>Z10724</b>	NMR Standard Reference Sample for 1.7 mm Probes	13C Sensitivity & Resolution, ASTM (Z10724)	203,43 €
<b>Z10723</b>	NMR Standard Reference Sample for 1.7 mm Probes	13C Sensitivity & 1H decoupling (Z10723)	203,43 €
<b>Z10722</b>	NMR Standard Reference Sample for 1.7 mm Probes	31P Sensitivity (Z10722)	229,17 €
<b>Z10728</b>	NMR Standard Reference Sample for 1.7 mm Probes	19F Sensitivity (Z10728)	229,17 €
<b>Z10734</b>	NMR Standard Reference Sample for 1.7 mm Probes	Temperature [282 K-330 K] Calibration - NMR Thermometer (Z10734)	98,96 €
<b>Z10727</b>	NMR Standard Reference Sample for 1.7 mm Probes	Gradient Recovery Test (Z10727)	187,69 €
<b>Z100926</b>	NMR Standard Reference Sample for 1mm Probes	1H lineshape (Z100926)	187,69 €
<b>Z100927</b>	NMR Standard Reference Sample for 1mm Probes	1H Sensitivity (Z100927)	187,69 €
<b>Z100930</b>	NMR Standard Reference Sample for 1mm Probes	Water Suppression (Z100930)	187,69 €

<b>Product</b>	<b>Description</b>	<b>Variant</b>	<b>Price in €</b>
<b>Z100932</b>	NMR Standard Reference Sample for 1mm Probes	15N & 13C Pulse Calibration (Z100932)	187,69 €
<b>Z100933</b>	NMR Standard Reference Sample for 1mm Probes	Gradient Recovery Test (Z100933)	187,69 €
<b>H140841_01</b>	pH Reference Sample Type C (pH 3.1) 100 mL	-	656,06 €
<b>1898186</b>	Convenience Package for appr. 1000 Honey-Profiling Analyses	-	12.241,50 €
<b>H139244</b>	BTpH Probe regeneration solution for wine applications	-	170,58 €
<b>Z106779</b>	Coded CLOSED caps for olive oil profiling applications	-	78,73 €
<b>1839472</b>	BTpH Unit - Regeneration solution 250mL	-	87,91 €
<b>Z10230</b>	NMR Standard Reference Sample for 5 mm Probes	1H Lineshape to be used with RT Probes at 200-300 MHz	207,05 €
<b>Z10248</b>	NMR Standard Reference Sample for 5 mm Probes	1H Lineshape	207,05 €
<b>Z10701</b>	NMR Standard Reference Sample for 5 mm Probes	1H Lineshape to be used with Cryoprobes and RT inverse Probes at 700 MHz or higher	273,17 €
<b>Z10120</b>	NMR Standard Reference Sample for 5 mm Probes	1H Sensitivity	207,05 €
<b>Z10246</b>	NMR Standard Reference Sample for 5 mm Probes	Water Supression	191,31 €
<b>Z10902</b>	NMR Standard Reference Sample for 5 mm Probes	Water Supression to be used with Cryoprobes and RT inverse Probes at 700 MHz or higher	239,64 €
<b>Z10263</b>	NMR Standard Reference Sample for 5 mm Probes	15N & 13C Pulse Calibration	239,64 €
<b>Z10163</b>	NMR Standard Reference Sample for 5 mm Probes	13C Sensitivity & Resolution, ASTM	207,05 €
<b>Z10153</b>	NMR Standard Reference Sample for 5 mm Probes	13C Sensitivity & 1H Decoupling	207,05 €
<b>Z10201</b>	NMR Standard Reference Sample for 5 mm Probes	31P Sensitivity	207,05 €
<b>Z10187</b>	NMR Standard Reference Sample for 5 mm Probes	15N Sensitivity	191,31 €
<b>Z10234</b>	NMR Standard Reference Sample for 5 mm Probes	19F Sensitivity	207,05 €
<b>Z10209</b>	NMR Standard Reference Sample for 5 mm Probes	29Si Sensitivity	207,05 €
<b>Z10627</b>	NMR Standard Reference Sample for 5 mm Probes	Temperature [192 K- 330 K] Calibration - NMR Thermometer	207,05 €
<b>Z10129</b>	NMR Standard Reference Sample for 5 mm Probes	High Temperature [300K - 380K] Calibration	191,31 €
<b>Z10127</b>	NMR Standard Reference Sample for 5 mm Probes	Low Temperature [180K - 300K] Calibration	207,05 €

<b>Product</b>	<b>Description</b>	<b>Variant</b>	<b>Price in €</b>
<b>Z10083</b>	NMR Standard Reference Sample for 5 mm Probes	Gradient Recovery Test	191,34 €
<b>Z10093</b>	NMR Standard Reference Sample for 5 mm Probes	2D Experiments	318,37 €
<b>Z10298</b>	NMR Standard Reference Sample for 5 mm Probes	1D Noe Diff	291,29 €
<b>Z10250</b>	NMR Standard Reference Sample for 10 mm Probes	1H Lineshape	547,63 €
<b>Z10702</b>	NMR Standard Reference Sample for 10 mm Probes	1H lineshape to be used with Cryoprobes and RT probes at 700 MHz or higher	416,99 €
<b>Z10121</b>	NMR Standard Reference Sample for 10 mm Probes	1H Sensitivity	508,89 €
<b>Z10268</b>	NMR Standard Reference Sample for 10 mm Probes	Water Suppression	291,29 €
<b>Z10265</b>	NMR Standard Reference Sample for 10 mm Probes	15N & 13C Pulse Calibration	447,95 €
<b>Z10164</b>	NMR Standard Reference Sample for 10 mm Probes	13C Sensitivity & Resolution, ASTM	498,61 €
<b>Z10154</b>	NMR Standard Reference Sample for 10 mm Probes	13C Sensitivity & 1H Decoupling	442,44 €
<b>Z10202</b>	NMR Standard Reference Sample for 10 mm Probes	31P Sensitivity	360,40 €
<b>Z10188</b>	NMR Standard Reference Sample for 10 mm Probes	15N Sensitivity	312,39 €
<b>Z10235</b>	NMR Standard Reference Sample for 10 mm Probes	19F Sensitivity	360,40 €
<b>Z10210</b>	NMR Standard Reference Sample for 10 mm Probes	29Si Sensitivity	360,40 €
<b>Z10628</b>	NMR Standard Reference Sample for 10 mm Probes	Temperature [282 K-330 K] Calibration - NMR Thermometer	453,94 €
<b>Z10130</b>	NMR Standard Reference Sample for 10 mm Probes	High Temperature [300K - 380K] Calibration	354,26 €
<b>Z10128</b>	NMR Standard Reference Sample for 10 mm Probes	Low Temperature [180K - 300K] Calibration	453,94 €
<b>Z10085</b>	NMR Standard Reference Sample for 10 mm Probes	Gradient Recovery Test	241,37 €
<b>Z10030</b>	NMR Standard Reference Sample for 3mm Probes	1H Lineshape	547,63 €
<b>Z10033</b>	NMR Standard Reference Sample for 3mm Probes	1H Sensitivity	442,60 €
<b>Z10036</b>	NMR Standard Reference Sample for 3mm Probes	Water Suppression	239,64 €
<b>Z10037</b>	NMR Standard Reference Sample for 3mm Probes	15N & 13C Pulse Calibration	375,20 €
<b>Z10035</b>	NMR Standard Reference Sample for 3mm Probes	13C Sensitivity & Resolution, ASTM	360,40 €
<b>Z10034</b>	NMR Standard Reference Sample for 3mm Probes	13C Sensitivity & 1H Decoupling	360,40 €
<b>Z10038</b>	NMR Standard Reference Sample for 3mm Probes	31P Sensitivity	255,39 €

Product	Description	Variant	Price in €
Z10039	NMR Standard Reference Sample for 3mm Probes	15N Sensitivity	239,64 €
Z10040	NMR Standard Reference Sample for 3mm Probes	19F Sensitivity	255,39 €
Z10053	NMR Standard Reference Sample for 3mm Probes	Temperature [282 K-330 K] Calibration - NMR Thermometer	358,66 €
Z10044	NMR Standard Reference Sample for 3mm Probes	High Temperature [300K - 380K] Calibration	375,20 €
Z10043	NMR Standard Reference Sample for 3mm Probes	Low Temperature [180K - 300K] Calibration	318,37 €
Z10046	NMR Standard Reference Sample for 3mm Probes	Gradient Recovery Test	162,65 €
Z10051	NMR Standard Reference Sample for 3mm Probes	2D Experiments	318,37 €
Z10048	NMR Standard Reference Sample for 3mm Probes	Water Supression 2D	392,32 €
E1201050	Bruker set of SFC calibration standards	-	1.785,79 €

## Spare parts & others

Product	Description	Variant	Price in €
E8000212	ESR5000 sample holders	OD 3mm	330,69 €
E8000213	ESR5000 sample holders	OD 3.6mm	330,69 €
E8000214	ESR5000 sample holders	OD 4mm	330,69 €
E8000215	ESR5000 sample holders	OD 5mm	294,68 €
E8000216	ESR5000 sample holders	OD 6mm	330,69 €
E8000206	ESR5000 Sample holder for TC H04	Top	531,51 €
E8000207	ESR5000	Bottom	330,69 €
E8000210	ESR5000 Liquid Nitrogen Dewar 50ml	-	2.918,79 €
E8000198	ESR5000 Resonator protection tube	-	333,48 €
E8000205	ESR5000 Holder fit for dewar	-	897,13 €
Z72498	POM ball pinch tool for closing SampleJet tubes	Single	124,12 €
H177028	POM ball pinch tool for closing SampleJet tubes	Multi	949,62 €
1812134	Hand Scanner 2D code	-	1.199,52 €
68449	3.2 mm DNP Screw for inserting/removing PTFE spacers	-	31,49 €

<b>Product</b>	<b>Description</b>	<b>Variant</b>	<b>Price in €</b>
<b>H160695</b>	3.2 mm DNP Long PTFE spacer for powder samples	-	31,49 €
<b>Z186193</b>	Fourier 80 Sample Holder	-	81,76 €
<b>1803114</b>	Printer Ribbon for NMR Tube Barcode Labels	-	52,48 €
<b>89269</b>	Barcode Labels for 5mm NMR tubes 1x1 inch 1000PC	-	905,36 €
<b>H177861</b>	Fourier 80 Dummy sample	-	74,68 €
<b>H182387</b>	Fourier 80 flame sealed tube cap guide	-	226,16 €
<b>H160098</b>	SamplePro Needle mounting adapter	-	104,70 €
<b>W3001602</b>	DMX DRX Filter AFT DOOR 830x378 mm	-	128,58 €
<b>Z119123</b>	Sample cavity cleaner	-	272,63 €
<b>1812105</b>	Sample Case for NMR Tubes	5mm	72,03 €
<b>1812105</b>	Sample Case for NMR Tubes	3mm	72,03 €
<b>47677</b>	Sample Case for NMR Tubes	1.7mm	72,03 €
<b>47677</b>	Sample Case for NMR Tubes	1mm	72,03 €
<b>47675</b>	Sample Case for NMR Tubes	10mm	72,03 €
<b>Z108540</b>	Set of warning labels	-	122,33 €
<b>H12181</b>	MATCH Insert Assembly	1.7mm CPL yellow	363,26 €
<b>H12182</b>	MATCH Insert Assembly	2.0mm CPL yellow	187,78 €
<b>H12183</b>	MATCH Insert Assembly	2.5mm CPL red	187,78 €
<b>H9868</b>	MATCH Insert Assembly	3.0mm CPL green	187,78 €
<b>H9869</b>	MATCH Insert Assembly	4.0mm CPL blue	211,55 €
<b>H9870</b>	MATCH Insert Assembly	5.0mm CPL black	211,55 €
<b>Z42852</b>	Labels for standard bore spinners for 2.5 mm + 5 mm	-	49,98 €
<b>Z53144</b>	Nitrogen refill set	-	354,86 €
<b>H160072</b>	SamplePro Needle	Standard (4" tube)	165,31 €
<b>H160071</b>	SamplePro Needle	Low Volume (4" tube)	49,59 €
<b>H160073</b>	SamplePro Needle	Standard (7" tube)	360,04 €
<b>Z43835</b>	Screwdriver for QBX probe adjustment	-	63,81 €
<b>Z104570</b>	DIV Filterpad G2 500x570 mm	-	15,56 €

Product	Description	Variant	Price in €
W3002622	DCX MB AFT Filter 640x330 mm	-	72,41 €
Z71805	Probe protection Cover standardbore	-	4,19 €

## Tools

Product	Description	Variant	Price in €
Z194854	Packing Tools for MAS CryoProbes	-	1.823,12 €
Z193473	Marking Tools for MAS CryoProbes	-	173,80 €
Z193500	Centrifuge Tools for MAS CryoProbes	-	824,85 €
H158569	1.3 mm Work-Flow Optimized Filling Tools	-	12.341,96 €
HZ07607	3.2 mm Rotor packer for DNP powder samples	-	120,71 €
HZ07608	3.2 mm Filling tool for DNP powder samples	-	34,64 €
H160700	3.2 mm DNP Depth gauge for inserting silicone plug	-	199,42 €
H160699	3.2 mm DNP Removal tool for soft silicone plug	-	314,87 €
H160698	3.2 mm DNP Rotor funnel for centrifugal packing	-	31,49 €
H160769	3.2 mm DNP Sample Preparation Kit	-	2.098,11 €
H158312	Optimized Filling Tools for MAS rotors	Packer 1.3mm	77,14 €
H158310	Optimized Filling Tools for MAS rotors	Sample Removal 1.3mm	77,14 €
H158311	Optimized Filling Tools for MAS rotors	Sample Removal Cap 1.3mm	77,14 €
H158309	Optimized Filling Tools for MAS rotors	Cap Space 1.3mm	77,14 €
1841827	Optimized Filling Tools for MAS rotors	Grabbing Tool O-Ring 1.3mm	3,31 €
H153427	Optimized Filling Tools for MAS rotors	Packer 0.7mm	121,23 €
H153428	Optimized Filling Tools for MAS rotors	Sampe Removal 0.7mm	121,23 €
H153429	Optimized Filling Tools for MAS rotors	Sample Removal cap 0.7mm	121,23 €
H153878	Optimized Filling Tools for MAS rotors	Cap Space 0.7mm	121,23 €
1841827	Optimized Filling Tools for MAS rotors	Grabbing Tool O-Ring 0.7mm	3,31 €
H173615	MAS Rotors Sealing plug kit	1.3mm	402,25 €
H173614	MAS Rotors Sealing plug kit	1.9mm	402,25 €
H191763	HRMAS Insert Kit	50 µl	239,22 €
H191764	HRMAS Insert Kit	12 µl	276,25 €

<b>Product</b>	<b>Description</b>	<b>Variant</b>	<b>Price in €</b>
<b>B4493</b>	4mm MAS Rotor Disposable Insert Kit	-	247,58 €
<b>34112029</b>	4 mm MAS Rotor Disposable Inserts	50 spare inserts	343,00 €
<b>HZ16913</b>	3.2 mm reduced Volume MAS Rotor Tools	Cap Removal	821,38 €
<b>HZ07608</b>	3.2 mm reduced Volume MAS Rotor Tools	Filling Tool	34,64 €
<b>HZ07607</b>	3.2 mm reduced Volume MAS Rotor Tools	Packer	120,71 €
<b>HZ16621</b>	3.2 mm reduced Volume MAS Rotor Tools	Cap Set Tool	48,54 €
<b>88817</b>	3.2 mm reduced Volume MAS Rotor Tools	Marker Pen	14,16 €
<b>H13836</b>	2.5 mm MAS Rotor Tools	Cap Removal	956,53 €
<b>HZ15199</b>	2.5 mm MAS Rotor Tools	Filling Tool	27,06 €
<b>HZ15198</b>	2.5 mm MAS Rotor Tools	Packer	95,45 €
<b>HZ16624</b>	2.5 mm MAS Rotor Tools	Cap Set Tool	56,09 €
<b>88817</b>	2.5 mm MAS Rotor Tools	Marker Pen	14,16 €
<b>HZ05755</b>	7 mm MAS Rotor Tools	Cap Removal	679,68 €
<b>HZ3328</b>	8 mm MAS Rotor Tools	Filling Tool	49,73 €
<b>H148514</b>	9 mm MAS Rotor Tools	Packer	174,51 €
<b>H148487</b>	10 mm MAS Rotor Tools	Cap Set Tool	91,85 €
<b>88817</b>	11 mm MAS Rotor Tools	Marker Pen	14,16 €
<b>HZ16858</b>	1.9 mm MAS Rotor Tools	Cap Removal	935,52 €
<b>HZ16845</b>	1.9 mm MAS Rotor Tools	Filling Tool	59,70 €
<b>HZ16850</b>	1.9 mm MAS Rotor Tools	Packer	169,27 €
<b>HZ16855</b>	1.9 mm MAS Rotor Tools	Cap Set Tool	97,10 €
<b>88817</b>	1.9 mm MAS Rotor Tools	Marker Pen	14,16 €
<b>HZ05754</b>	4 mm MAS Rotor Tools	Cap Removal	608,81 €
<b>HZ3329</b>	4 mm MAS Rotor Tools	Filling Tool	183,69 €
<b>H148513</b>	4 mm MAS Rotor Tools	Packer	183,69 €
<b>H148486</b>	4 mm MAS Rotor Tools	Cap Set Tool	129,90 €
<b>88817</b>	4 mm MAS Rotor Tools	Marker Pen	14,16 €
<b>HZ14706</b>	1.3 mm MAS Rotor Tools	Cap Removal	1.006,38 €

Product	Description	Variant	Price in €
HZ14714	1.3 mm MAS Rotor Tools	Filling Tool	70,00 €
HZ14716	1.3 mm MAS Rotor Tools	Packer	99,71 €
HZ14744	1.3 mm MAS Rotor Tools	Cap Set Tool	241,42 €
88817	1.3 mm MAS Rotor Tools	Marker Pen	14,16 €
H149435	0.7mm MAS Rotor Tools	-	17.956,12 €
HZ16913	3.2 mm MAS Rotor Tools	Cap Removal	821,38 €
HZ07608	3.2 mm MAS Rotor Tools	Filling Tool	34,64 €
HZ16911	3.2 mm MAS Rotor Tools	Packer	73,47 €
HZ16621	3.2 mm MAS Rotor Tools	Cap Set Tool	48,54 €
88817	3.2 mm MAS Rotor Tools	Marker Pen	14,16 €
B2950	HRMAS Rotor Insert Tool Kit	-	49,61 €

## Other

Product	Description	Variant	Price in €
SKY-008112	Holder for multiple Eppendorf tubes	Small	220,32 €
SKY-008106	Holder for multiple Eppendorf tubes	Medium	220,32 €
SKY-008110	Holder for multiple Eppendorf tubes	Large	220,32 €
SKY-011170	Tube holders SKYSCAN 1273, 1275 and 2214	ID 5 mm	338,64 €
SKY-011159	Tube holders SKYSCAN 1273, 1275 and 2214	ID 6 mm	421,26 €
SKY-011160	Tube holders SKYSCAN 1273, 1275 and 2214	ID 10 mm	489,60 €
SKY-011161	Tube holders SKYSCAN 1273, 1275 and 2214	ID 15 mm	584,46 €
SKY-011162	Tube holders SKYSCAN 1273, 1275 and 2214	ID 20 mm	735,42 €
SKY-006866	Tube holder SKYSCAN 1272	6 mm	212,16 €
SKY-006869	Tube holder SKYSCAN 1272	10 mm	212,16 €
SKY-006867	Tube holder SKYSCAN 1272	15 mm	212,16 €
SKY-006868	Tube holder SKYSCAN 1272	20 mm	212,16 €
SKY-002667	Brass rod sample mount	L 5.5 cm D 4 mm	168,30 €
SKY-002434	Brass rod sample mount	L 4.7 cm D 4 mm	168,30 €

<b>Product</b>	<b>Description</b>	<b>Variant</b>	<b>Price in €</b>
<b>SKY-002853</b>	Brass rod sample mount	L 4 cm D 5 mm	168,30 €
<b>SKY-002466</b>	Circular stage brass mount	D 65 mm	174,42 €
<b>SKY-005169</b>	Circular stage brass mount	D 52 mm	174,42 €
<b>SKY-002467</b>	Circular stage brass mount	D 38 mm	174,42 €
<b>SKY-005832</b>	Circular stage brass mount	D 20 mm	174,42 €
<b>SKY-016927</b>	Polystyrene tubes	For use with SKYSCAN 1276	326,40 €
<b>SKY-019205</b>	Polystyrene tubes	For use with SKYSCAN 1272, SKYSCAN 1273, SKYSCAN 1275 and SKYSCAN 2214	436,56 €
<b>SKY-015490</b>	Clip holder for thin samples	-	325,38 €
<b>SKY-016946</b>	Bone mineral density (BMD) calibration phantoms	Small (2-4 mm)	1.632,00 €
<b>SKY-016947</b>	Bone mineral density (BMD) calibration phantoms	Medium (8-16 mm)	2.407,20 €
<b>SKY-016948</b>	Bone mineral density (BMD) calibration phantoms	Large (32 mm)	1.968,60 €
<b>E1201051</b>	Solid fat content (SFC) reference sample	0% SOLID	621,18 €
<b>E1201052</b>	Solid fat content (SFC) reference sample	30% SOLID	621,18 €
<b>E1201054</b>	Solid fat content (SFC) reference sample	70% SOLID	621,18 €
<b>E1201067</b>	Solid fat content (SFC) reference sample	84% SOLID	621,18 €
<b>E1201068</b>	Solid fat content (SFC) reference sample	89% SOLID	621,18 €
<b>E1201069</b>	Solid fat content (SFC) reference sample	98% SOLID	621,18 €
<b>E1405208</b>	Daily check samples for Minispec	1H; Max/ 10 mm	169,81 €
<b>E1405235</b>	Daily check samples for Minispec	19F; 10 mm/ 10 mm	580,27 €
<b>E1405236</b>	Daily check samples for Minispec	19F; 35 mm/ 18 mm	580,27 €
<b>E1405237</b>	Daily check samples for Minispec	19F; 7 mm/ 7.5 mm	580,27 €
<b>E1405294</b>	Daily check samples for Minispec	1H; 15 mm/ 10 mm	169,81 €
<b>E1405295</b>	Daily check samples for Minispec	1H; 10 mm/ 10 mm	169,81 €
<b>E1405296</b>	Daily check samples for Minispec	1H; 7 mm/ 7.5 mm	169,81 €
<b>E1405391</b>	Daily check samples for Minispec	19F; 45 mm/ 26 mm	581,39 €
<b>E1405397</b>	Daily check samples for Minispec	19F; -/ 10 mm	580,27 €
<b>E1441726</b>	Daily check samples for Minispec	1H; -/ 10 mm	169,81 €

<b>Product</b>	<b>Description</b>	<b>Variant</b>	<b>Price in €</b>
<b>E1405380</b>	Spin finish calibration transfer & validation samples 18 mm tubes 45 mm fh	-	2.950,82 €
<b>E1405319</b>	G-Var water with CuSO4 Calibration Sample	-	169,81 €
<b>34108303</b>	Adenosine 5'- triphosphate	15N 10 mg	262,50 €
<b>34108344</b>	Adenosine 5'- triphosphate	15N 50 mg	892,50 €
<b>34108339</b>	Adenosine 5'- triphosphate	13C 10 mg	409,50 €
<b>34108320</b>	Adenosine 5'- triphosphate	13C 50 mg	1.417,50 €
<b>34108347</b>	Guanosine 5'-triphosphate	15N 10 mg	199,50 €
<b>34108348</b>	Guanosine 5'-triphosphate	15N 50 mg	682,50 €
<b>34108323</b>	Guanosine 5'-triphosphate	13C 10 mg	315,00 €
<b>34108324</b>	Guanosine 5'-triphosphate	13C 50 mg	1.113,00 €
<b>34108345</b>	Cytidine 5'-triphosphate	15N 10 mg	199,50 €
<b>34108346</b>	Cytidine 5'-triphosphate	15N 50 mg	682,50 €
<b>34108321</b>	Cytidine 5'-triphosphate	13C 10 mg	315,00 €
<b>34108322</b>	Cytidine 5'-triphosphate	13C 50 mg	1.113,00 €
<b>34108349</b>	Uridine 5'-triphosphate	15N 10 mg	199,50 €
<b>34108350</b>	Uridine 5'-triphosphate	15N 50 mg	682,50 €
<b>34108325</b>	Uridine 5'-triphosphate	13C 10 mg	315,00 €
<b>34108326</b>	Uridine 5'-triphosphate	13C 50 mg	1.113,00 €
<b>34108352</b>	Set of 4 ribonucleoside 5'-triphosphates	15N 4x 10 mg	619,50 €
<b>34108353</b>	Set of 4 ribonucleoside 5'-triphosphates	15N 4x 50 mg	2.719,50 €
<b>34108327</b>	Set of 4 ribonucleoside 5'-triphosphates	13C 4x 10 mg	987,00 €
<b>34108328</b>	Set of 4 ribonucleoside 5'-triphosphates	13C 4x 50 mg	4.420,50 €
<b>34108331</b>	RNA-Standard 14mer	15N	1.638,00 €
<b>34108354</b>	RNA-Standard 14mer	13C; 15N	2.656,50 €
<b>34108330</b>	Ubiquitin in sealed 5 mm NMR-tube	15N	483,00 €
<b>34108343</b>	Ubiquitin in sealed 5 mm NMR-tube	13C; 15N	483,00 €
<b>B0920.1097</b>	SWIN pick & place glass tips for SWILE	-	1.360,00 €
<b>B1003.2779</b>	GDU-Pfd dispensing container 20 g PP, with universal extruder, with RFID chip	-	189,00 €

<b>Product</b>	<b>Description</b>	<b>Variant</b>	<b>Price in €</b>
<b>B1002.6111</b>	CRYSTAL SWILE	-	86.800,00 €
<b>B1002.8112</b>	CRYSTAL POWDERDOSE HC (High Capacity)	-	81.000,00 €
<b>B1002.4627</b>	CRYSTAL POWDERDOSE	-	78.800,00 €
<b>1840058</b>	Cryovials 1.8 ml 100 PC	-	59,05 €
<b>AH3083_04V</b>	Pre-Packed NMR Rotors	-	25.739,70 €
<b>34110007</b>	O-Rings for Sample Tube Plug (Fast Sample Shuttle)	-	19,99 €
<b>34105842</b>	Plug for Sample Tube (Fast Sample Shuttle)	-	445,82 €
<b>34105846</b>	Sample Tube for Fast Sample Shuttle (thin wall)	-	1.545,38 €
<b>Z002265</b>	Experiment in Progress	-	22,82 €
<b>88810</b>	Replacement Syringes for the BTpH unit	100 µl	261,35 €
<b>88809</b>	Replacement Syringes for the BTpH unit	500 µl	261,35 €
<b>H12198</b>	MATCH Insert Assembly	-	187,79 €
<b>Z55936</b>	Helium flow system accessories	Plug	39,20 €
<b>Z55935</b>	Helium flow system accessories	Union nut	29,60 €
<b>40185</b>	Helium flow system accessories	Washer	14,70 €
<b>28536</b>	Helium flow system accessories	O-ring	14,70 €
<b>Z52395</b>	Helium flow system accessories	One way valve	270,12 €
<b>Z105546</b>	Nitrogen Flow System accessories	Heater exchanger	230,30 €
<b>28042</b>	Nitrogen Flow System accessories	O-ring for heater exchanger	14,70 €
<b>1804539</b>	Nitrogen Flow System accessories	Elbow union connector	2.156,00 €
<b>Z54528</b>	Nitrogen Flow System accessories	One way valve	159,40 €
<b>42381</b>	Nitrogen Flow System accessories	Connecting tube	on request
<b>H194830</b>	0.4 mm rotor filling tool set	-	19.600,00 €
<b>H195068</b>	MAS Centrifuge Filling Tool	0,4 mm	5.880,00 €
<b>H171133</b>	MAS Centrifuge Filling Tool	0,7 mm	3.856,10 €

# DEUTERO

NMR Spectroscopy

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