

# SPECIALTY NMR SAMPLE TUBES

## LIGHT SENSITIVE SAMPLE TUBES

Catalog Number	Usage MHz	Tube OD	Tube Length	Price €/ each	
				1-9	10+
NE-UP5-LS-7	Up to 700	5mm	7" (178mm)	41,50	37,50
NE-H10-LS-7	Up to 500	10mm	7" (178mm)	52,35	47,25

## SCREW THREAD SAMPLE TUBES

Catalog Number	Usage MHz	Tube OD (mm)	Cap Size (mm)	Length (mm)	Price €/ each	
					1-9	10+
NE-HL5-ST-158	400-500	5	8	158	23,40	21,55
NE-UL5-ST-158	500-700	5	8	158	28,90	25,70
NE-HL5-ST-168	400-500	5	8	168	23,40	21,55
NE-HP5-ST-168	400-500	5	8	168	31,50	28,85
NE-UL5-ST-168	500-700	5	8	168	28,90	70,00
NE-UP5-ST-168	500-700	5	8	168	36,00	32,80
NE-H10-ST-178	400-500	10	15	178	38,90	37,00

## Extra Caps and Septums

Catalog Number	Description	Cap Size (mm)	Thread	Price €/Pk/12
3008	Cap, Open-top	8	8-425	10,65
3015	Cap, Open-top	15	15-425	11,30
3108	Cap, Solid Top, Silicone white rubber liner	8	8-425	11,30
3108T	Cap, Solid, Teflon liner	8	8-425	16,00
3115	Cap, Solid Top, Silicone white rubber liner	15	15-425	15,90
3208	Septum, Teflon / Silicone	8	-	11,30
3215	Septum, Teflon / Silicone	15	-	15,90

## CONTROLLED ATMOSPHERE VALVE (CAV) SAMPLE TUBE

Catalog Number	Sample Tube	Wall (mm)	Usage MHz	Price €/ each	
				1-9	10+
NE-CAV5-XXX	NE-HP5	0.38	400-500	123,45	117,30
NE-CAV5-M-XXX	NE-HP5-M	0.77	300-400	139,50	129,50
NE-CAV5-H-XXX	NE-HP5-H	1.4	300-400	143,95	137,10
NE-CAV10-XXX	NE-H10	0.46	300-500	137,60	127,25
NE-CAV10-M-XXX	NE-H10-MW	1.00	300-400	143,00	132,95
NE-CAV10-H-XXX	NE-H10-HW	1.7	300-400	148,45	135,90
NE-CAV5-Q-XXX	NE-HQ5	0.50	300-500	318,35	303,65
NE-CAV10-Q-XXX	NE-HQ10	0.50	300-500	358,65	341,60

## PRESSURE VALVE (PCAV) SAMPLE TUBE

Catalog Number	Sample Tube	Wall (mm)	Usage MHz	Price €/ each	
				1-9	10+
NE-PCAV5-XXX	NE-HP5	0.38	400-500	167,40	153,75
NE-PCAV5-M-XXX	NE-HP5-M	0.77	300-400	184,95	170,75
NE-PCAV5-H-XXX	NE-HP5-H	1.4	300-400	189,40	180,25
NE-PCAV10-XXX	NE-H10	0.46	300-500	161,40	152,40
NE-PCAV10-M-XXX	NE-H10-MW	1.00	300-400	168,70	159,75
NE-PCAV10-H-XXX	NE-H10-HW	1.7	300-400	197,00	186,10

## CAV / PCAV Spare Parts

Catalog Number	Description	Tube	Price €/ each	
			1-9	10+
NE-CAV5-G-XXX	Valve Body, only, Thin-Wall Tube	CAV, PCAV	77,20	73,50
NE-CAV5-M-G-XXX	Valve Body, only, Medium-Wall Tube	CAV, PCAV	79,95	76,00
NE-CAV5-H-G-XXX	Valve Body, only, Heavy-Wall Tube	CAV, PCAV	85,40	81,20
NE-CAV-P	Plug, TFE with knob and sealing O-ring	CAV	70,50	
NE-PCAV-P	Plug, TFE with knob, o-rings and fittings	PCAV	91,25	
NE-CAV-SO	Sealing O-ring, Viton	CAV, PCAV	2,95	
NE-CAV-SO-A	Sealing O-ring, Aegis	CAV, PCAV	52,90	
NE-CAV-RO	Retaining O-ring, Viton, to retain valve knob	CAV, PCAV	2,95	
NE-CAV-RO-A	Retaining O-ring, Aegis, to retain valve knob	CAV, PCAV	52,90	
NE-CAV-A	Adapter, only, glass	CAV	13,40	
NE-CAV-JA	Adapter, with 24/40 outer joint, glass	CAV	39,25	
NE-PCAV-FN	Ferrule/Nut Set, one ferrule and one nut	PCAV	13,05	

## Gel NMR Starter Kits

Gel Diameter		500 MHz	700 MHz	900+ MHz
6mm to 4.2mm	Cat. No.	NE-373-A-6/4.2	NE-373-B-6/4.2	NE-373-C-6/4.2
5.4mm to 4.2mm	Cat. No.	NE-373-A-5.4/4.2	NE-373-B-5.4/4.2	NE-373-C-5.4/4.2
5mm to 4.2mm	Cat. No.	NE-373-A-5/4.2	NE-373-B-5/4.2	NE-373-C-5/4.2
<b>Price €/ each</b>		<b>455,25</b>	<b>456,90</b>	<b>458,55</b>

## Additional / Replacement Parts

### Sample Tubes

	500 MHz	700 MHz	900+ MHz
Cat. No.	NE-HP5-GT-7	NE-UP5-GT-7	NE-SP5-GT-7
Price €/ each (1-10)	15,30	20,65	29,80
(11-99)	14,70	19,65	28,55
(100+)	14,05	18,25	27,15

### Plugs and Accessories (for all Starter Kits)

Catalog Number	Description	Price €/ each		
		1-4	5-9	10+
NE-370-A-5	Gel End Plug, Ultem	33,05	30,35	28,60
NE-370-A-5-S	Gel End Plug, Ultem, Short	33,05	30,35	28,60
NE-370-A-5-O	Gel End Plug Spare O-Ring, Buna-N		5,65	
NE-370-B-5	Gel Top Plug, Ultem	27,60	25,35	23,90
NE-371	Extraction Rod, for end plug	20,40	18,70	17,65
NE-341-5	Support Rod, Kel-F, for top plug	23,25	22,15	21,05
NE-312-5-GT	Support Cap, PTFE	9,60	8,80	8,35

### Gel Presses

(includes piston driver, cap, piston, gel chamber and funnel)

Size	6mm to 4.2mm	5.4mm to 4.2mm	5mm to 4.2mm	Price €/ each		
				1-4	5-9	10+
Cat. No.	NE-372-6/4.2	NE-372-5.4/4.2	NE-372-5/4.2	383,90	373,80	370,00

### Pistons, PTFE, w/Buna O-Ring

Size	6mm to 4.2mm	5.4mm to 4.2mm	5mm to 4.2mm	Price €/ each		
				1-4	5-9	10+
Cat. No.	NE-372-C-6	NE-372-C-5.4	NE-372-C-5	34,45	31,45	29,80

## Piston Spare O-Rings, Buna-N

Cat. No.	NE-372-C-6-O	NE-372-C-5.4-O	NE-372-C-5-O	Price €/ each		
				1-4	5-9	10+
				5,65		

## Gel Chambers, PTFE

Size	6mm to 4.2mm	5.4mm to 4.2mm	5mm to 4.2mm	Price €/ each		
				1-4	5-9	10+
Cat. No.	NE-372-D-6	NE-372-D-5.4	NE-372-D-5	94,10	86,55	81,40

## Funnels, PTFE

Size	6mm to 4.2mm	5.4mm to 4.2mm	5mm to 4.2mm	Price €/ each		
				1-4	5-9	10+
Cat. No.	NE-372-E-6	-	-	94,10	86,55	81,40
Cat. No.	-	NE-372-E-5.4	NE-372-E-5	124,20	117,30	110,40

## Piston Driver and Cap (for all Gel Presses)

Cat. No.	Description	Price €/ each		
		1-4	5-9	10+
NE-372-A	Piston Driver, Brass	79,35	74,75	74,70
NE-372-B	Cap, Brass	79,35	74,75	74,70

## TIP-OFF SAMPLE TUBES

Catalog Number	Usage MHz	Tube OD (mm)	Wall (mm)	Glass Type	Price €/ each	
					1-9	10+
NE-HL5-TTO	400-500	5	0.38	non-Pyrex	14,50	12,80
NE-UL5-TTO	500-700	5	0.38	non-Pyrex	19,75	17,80
NE-HP5-TTO	400-500	5	0.38	Pyrex	21,60	19,20
NE-HP5-M-TTO	300-400	5	0.77	Pyrex	23,40	21,10
NE-UP5-TTO	500-700	5	0.38	Pyrex	26,05	23,60
NE-SP5-TTO	700-900+	5	0.38	Pyrex	34,95	31,45
NE-H10-TTO	400-500	10	0.46	Pyrex	31,15	27,55

## TIP-OFF ADAPTER, basic

Catalog Number	Description	Price €/ each
NE-250	Adapter, complete with one bushing and o-ring	66,75
NE-250-B	Bushing only, with heat shield and two o-rings	20,55
NE-250-O	O-Ring, FETFE, extra thick	4,70

## TIP-OFF ADAPTER / VALVE

Catalog Number	Description	Price €/ each
NE-253-5	Tip-Off Adapter / Valve, complete	143,75
NE-253-B	Bushing only, Nylon with heat shield and two o-rings	31,50
NE-253-O	O-Ring, FETFE, extra thick	6,10
NE-253-G	Glass Body, only	69,30
NE-253-P	Teflon Plug / Cap, only	48,40

## TIP-OFF DEWAR and CAP

Catalog Number	Description	Price €/ each
NE-8025	Dewar, 48mm ID x 150mm depth, 190mm OAL	250,00
NE-8348	Cap, styrofoam, with vent slot	83,00

## SAMPLE CELL with CAP

Catalog Number	Tube OD	Material	Useful Temp Range	Volume @ 60mm Sample Height	Price €/ each	
					1-4	5+
NE-362-T-5	5	PTFE	-73 to +204°C	304 µl	Request	Request
NE-362-T-10	10	PTFE	-73 to +204°C	2.6 ml	Request	Request
NE-362-K-5	5	Kel-F	-240 to +204°C	304 µl	Request	Request
NE-362-K-10	10	Kel-F	-240 to +204°C	2.6 ml	Request	Request
NE-362-P-5	5	P/P	0 to +80°C	304 µl	Request	Request
NE-362-P-10	10	P/P	0 to +80°C	2.6 ml	Request	Request

PTFE = Polytetrafluoroethylene    Kel-F = PCTFE = Polychlorotrifluoroethylene    P/P = Polypropylene

## GLASS SLEEVE and SUPPORT ROD

Catalog Number	Description	Price €/ each
NE-205-5	Glass Sleeve, precision, 5mm OD x 120mm long	18,00
NE-205-10	Glass Sleeve, precision, 10mm OD x 120mm long	29,30
NE-341-5	Support Rod, Kel-F, " x 8", 4-40 thread	23,25
NE-341-10	Support Rod, PVC, ¼" x 8", ¼-20 thread	31,50

## EXTRA SAMPLE CELLS and CELL CAPS

Material	Version	Sample Cell			Cap		
		Cat.No.	Price €/ each		Cat.No.	Price €/ each	
			1-4	5+		1-4	5+
PTFE	5mm	NE-360-T-5	Request	Request	NE-361-T-5	Request	Request
PTFE	10mm	NE-360-T-10	Request	Request	NE-361-T-5	Request	Request
Kel-F	5mm	NE-360-K-5	Request	Request	NE-361-K-5	Request	Request
Kel-F	10mm	NE-360-K-10	Request	Request	NE-361-K-10	Request	Request
P/P	5mm	NE-360-P-5	Request	Request	NE-361-P-5	Request	Request
P/P	10mm	NE-360-P-10	Request	Request	NE-361-P-10	Request	Request

## COAXIAL INNER CELLS

Catalog Number	Tube / Probe	OD	Stem Length	Capacity	Sample Capacity	Price €/ each	
						1-9	10+
NE-5-CIC	5mm / Bruker	2mm	50mm	60 µl	530 µl	29,00	28,65
NE-5-CIC-V	5mm / Varian	2mm	60mm	72 µl	636 µl	29,25	28,65
NE-10-CIC	10mm / Bruker	3mm	50mm	225 µl	2.8ml	42,70	38,60
NE-10-CIC-V	10mm / Varian	3mm	60mm	270 µl	3.36ml	42,70	38,60

## TEFLON LINERS

Catalog Number	Tube	Description	Price €/ each
NE-350-5	5mm x 7"	Round bottom, 8" long with solid Teflon plug; Volume @ 50mm height is @ 0.35ml	15,95
NE-350-10	10mm x 7"	Round bottom, 8" long with solid Teflon plug; Volume @ 50mm height is @2.0ml	29,70

## HAZARDOUS NMR SAMPLE TUBE SYSTEM

Catalog Number	OD (mm)	Usage MHz	Description	Price €/ each	
				1-9	10+
NE-HP5-HSTS	5	Up to 500	Complete system, inner tube with plug, outer tube with cap	37,45	33,70
NE-HSTS-I	4	-	Inner tube with Teflon plug	24,25	21,15