

Wilmad – Your One Stop NMR Shop

With over 60 years of experience in development, engineering and manufacturing, Wilmad-LabGlass is a leading supplier of NMR and EPR consumables and laboratory glassware for academia, industry and healthcare.

Why Wilmad?

Economy & High Throughput Tubes are designed for small-molecule NMR experiments. Precision NMR Tubes are ideal for quantitative experiments and those requiring small-volume inserts.

All Wilmad NMR tubes presented here are compatible with Nanalysis NMReady-60e and NMReady-60PRO. For additional NMR tubes and accessories visit vwr.com



Wilmad 5mm Thin Walled Economy NMR Tubes

Designed for routine small-molecule experiments, Wilmad Economy NMR Tubes are guaranteed to yield zero NMR background.

VWR Catalog Number	Supplier No.	MHz RATING	LENGTH	O.D. (mm)	CONCENTRICITY (μm)	CAMBER (μm)	I.D. (mm)	WALL THICKNESS (mm)
13501-528	WG-5MMECNMY7	100	7"	4.947 ±0.019	76	76	4.1	0.43
13501-530	WG-5MMECNMY8	100	8"	4.947 ±0.019	76	76	4.1	0.43
82005-344	WG-1206-7	100	7"	4.947 ±0.019	51	50	4.1	0.43
82005-346	WG-1206-8	100	8"	4.947 ±0.019	51	50	4.1	0.43
82005-340	WG-1208-7	200	7"	4.947 ±0.019	51	25	4.1	0.43
82005-342	WG-1208-8	200	8"	4.947 ±0.019	51	25	4.1	0.43
82005-336	WG-1226-7	300	7"	4.947 ±0.019	51	13	4.1	0.43
82005-338	WG-1226-8	300	8"	4.947 ±0.019	51	13	4.1	0.43
82005-332	WG-1228-7	400	7"	4.947 ±0.019	13	13	4.1	0.43
82005-334	WG-1228-8	400	8"	4.947 ±0.019	13	13	4.1	0.43

Wilmad 5mm Thin Walled High-Throughput NMR Tubes

Wilmad High Throughput NMR Tubes provide a cost-effective option for experiments with small molecule samples (MW<250).

VWR Catalog Number	Supplier No.	MHz RATING	LENGTH	O.D. (mm)	WALL THICKNESS (mm)	CAMBER (μm)
14219-032	WG-1000-7	High-Throughput	7"	4.94665 ± 0.01905	0.43	60
89041-318	WG-1000-8	High-Throughput	8"	4.94665 ± 0.01905	0.43	60

Wilmad 5mm Thin Walled Precision NMR Tubes

Tight ID and OD tolerances permit quantitative analysis and accommodate Wilmad small-volume inserts.

VWR Catalog Number	Supplier No.	MHz RATING	LENGTH	O.D. (mm)	CONCENTRICITY (μm)	CAMBER (μm)	I.D. (mm)	WALL THICKNESS (mm)
13501-524	505-PS-7	100	7"	4.9635±0.0065	76	51	4.21±0.13	0.38
13501-526	505-PS-8	100	8"	4.9635±0.0065	76	51	4.21±0.13	0.38
13501-520	506-PP-7	200	7"	4.9635±0.0065	51	51	4.2065±0.0065	0.38
13501-522	506-PP-8	200	8"	4.9635±0.0065	51	51	4.2065±0.0065	0.38
13501-516	507-PP-7	300	7"	4.9635±0.0065	51	25	4.2065±0.0065	0.38
13501-518	507-PP-8	300	8"	4.9635±0.0065	51	25	4.2065±0.0065	0.38
13501-512	526-PP-7	350	7"	4.9635±0.0065	51	13	4.2065±0.0065	0.38
13501-508	527-PP-7	400	7"	4.9635±0.0065	25	25	4.2065±0.0065	0.38
13501-510	527-PP-8	400	8"	4.9635±0.0065	25	25	4.2065±0.0065	0.38



BENCHTOP NMR SPECTROMETERS



The NMReady-60 benchtop NMR spectrometers are 60 MHz, 1.4T all-in-one instrument. By locating the magnet, electronics and touch screen computer in one compact (11.8x11.0x19.2") and low-weight (55 lbs) enclosure, the spectrometer can be easily sited directly at the point of need, whether that is on a benchtop, in a fumehood or directly inside a glovebox.

NMReady-60PRO Benchtop NMR Spectrometer

The NMReady-60PRO is a multi-nuclear spectrometer designed facilitate routine proton or fluorine 1D or 2D qualitative or quantitative measurements.

VWR Catalog Number	Supplier No.	Observe Nuclei	Larmor Frequency
75839-434	NMReady-60e-13C	$^1\text{H}/^{13}\text{C}$	60/15 MHz
75839-440	NMReady-60e-31P	$^1\text{H}/^{31}\text{P}$	60/25 MHz
75839-544	NMReady-60e-19F	$^1\text{H}/^{19}\text{F}$	60/56 MHz
75839-546	NMReady-60e-11B	$^1\text{H}/^{11}\text{B}$	60/19 MHz

NMReady-60e Benchtop NMR Spectrometer

The NMReady-60e is a mononuclear spectrometer designed facilitate routine proton or fluorine 1D or 2D qualitative or quantitative measurements.

VWR Catalog Number	Supplier No.	Observe Nuclei	Larmor Frequency
75839-436	NMReady-60e-1H	^1H	60 MHz
75839-438	NMReady-60e-19F	^{19}F	56 MHz

NMReady-flow Accessory

Capitalizing on the cylindrical Halbach magnet array of the NMReady-60 family of spectrometers, this kit turns any NMReady-60 into an online detector for reaction monitoring or hyphenated technologies.

VWR Catalog Number	Supplier No.
75839-442	NMReady-FLOW



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