

Standard Liquid Phase NMR Consumables

Wilmad Reaction Monitoring System NMR Tubes

Designed to monitor reactions from start to finish, the Wilmad-LabGlass Reaction Monitoring System is a two-chamber borosilicate glass NMR tube that allows for in-tube mixing. The system features an inner chamber with a Teflon® tip that when secured creates a positive seal separating solutions until the user is ready to mix.

- Allows for acquisition of both pre-mix and post-mix spectra
- In situ mixing of solutions provides a clear 'before and after' reaction picture
- Enables specific reaction endpoint determination
- Eliminates variables and reduces risk of contamination during experiments
- May allow for capture of initial kinetic data points in benchtop spectrometers where the upper portion of the sample tube is accessible
- Permits researchers to run reaction experiments without specialized instruments or equipment
- Includes an extra black phenolic cap with a white rubber liner for the outer tube allowing for easy sample storage

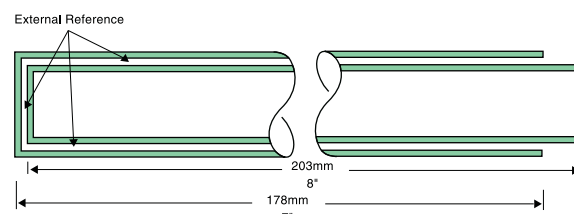


Wilmad 5mm O.D. Reaction Monitoring System NMR Tubes

Catalog No.	MHz Rating	Outer Tube O.D.	Inner Tube O.D.	Tube Length	Overall Length	Thread Size
WG-RMS-7	600	5mm	3mm	7"	8.75" collapsed 15.75" extended	15mm O.D.
WG-RMS-8	600	5mm	3mm	8"	9.75" collapsed 17.75" extended	15mm O.D.

Double Layered NMR Tube for Toxic Samples

Wilmad's Double Layered Tube provides extra protection for your toxic sample. It can also be used with a reference standard which is insoluble in the sample or may cause a reaction. The Outer tube and inner tube have about a 50 µm gap and the system is ideal for variable temperature studies as the components are made of the same Type 1, Class A borosilicate glass. Each insert fits snugly into the outer tube like a syringe plunger fits its barrel.



Wilmad Double Layered NMR Tubes

Product No.	MHz Rating	Components	O.D.	I.D.
516-CC-3	600	Complete Set	3.00mm	1.07mm
516-CC-5	600	Complete Set	5.00mm	2.97mm
516-CC-10	600	Complete Set	10.00mm	7.87mm
516-O-3	600	Outer Tube	3.00mm	1.93mm
516-O-5	600	Outer Tube	5.00mm	4.07mm
516-O-10	600	Outer Tube	10.00mm	8.99mm
516-I-3	N/A	Inner Insert for 516-CC-3	1.83mm	1.07mm
516-I-5	N/A	Inner Insert for 516-CC-5	3.97mm	2.97mm
516-I-10	N/A	Inner Insert for 516-CC-10	8.89mm	7.87mm