

Why precision NMR Sample Tubes are beneficial.

The use of high quality, precision NMR tubes is critical whenever very high resolution is required in NMR experiments. This is often true with ^1H NMR experiments, especially if one is measuring spin-spin coupling constants. It is also critical when one has congested ^1H spectra and needs every ounce of resolution to separate close-lying ^1H NMR signals. The use of precision NMR tubes is highly beneficial in subtraction experiments such as 1D decoupling and 1D NOE difference, where line broadening and peak shape are critical for a good spectra subtraction. High resolution is generally not as important for ^{13}C NMR and that of most other nuclei. However, since most NMR work is still ^1H NMR, high precision is still very important. Visit our [website](#) for full details.