

8mm AUTOMAS probe

Product used : Nuclear Magnetic Resonance(NMR)

We are pleased to announce the addition of an 8 mm solid state MAS probe to our lineup of AUTOMAS probes, which are capable of fully automated measurement. The 8 mm AUTOMAS probe can be filled with a large sample volume of about 600ul, making it ideal for measurements that require long integration times, such as ²⁹Si measurements of silicon materials or ¹³C measurements of trace components in rubber. Telemetry and efficient measurements at night and on weekends allow a significant increase in throughput compared to conventional probes.

3.2 mm AUTOMAS probe

- Ease of use and operation like a solution probe
- Cultivated automation technologies
 - Auto Tune
 - Sample Eject/Load
 - Auto Sample Changer

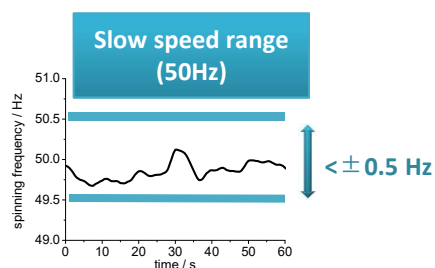
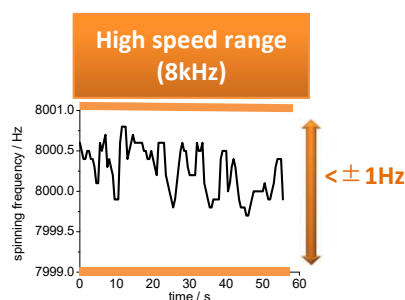


8 mm HXMAS probe

- Large volume sample tube

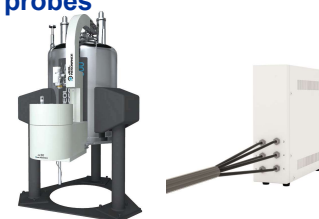


High spinning stability



Designed to be shared with solution probes

- Auto Sample Changer (ASC24, JackBean 30, 64, 100)
- Auto Tuning Unit
- Probe Heater



	Specifications
Spectrometer	JNM-ECZ series, JNM-ECZL series (AUTOMAS probe compatible MASCONT is required)
System frequency	400 / 500 / 600 MHz
Max MAS frequency	8kHz
Available Nuclei	¹ H, ³¹ P, ⁷ Li, ¹¹ B, ²³ Na, ²⁷ Al, ¹³ C, ⁷⁹ Br, ²⁰⁷ Pb, ²⁹ Si, ⁶ Li, ¹⁵ N *
VT range	-40°C - +120°C
Auto tuning	Available

* Some of the observable nuclei are subject to change.

* Tuning between nuclei with widely different frequencies requires a frequency conversion stick.

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