

MAS 3 Magic Angle Spinning unit

- Release of new MAS unit at ENC 2015

Overview

The new MAS 3 unit for MAS NMR system provides stable MAS regulation (stability $\leq 0.25\text{‰}$) for all spinning speed regimes (speed dependent regulation parameter) and for all rotor diameter

Application

Solid State Research
Biological Research
tissue/cells Research

Specifications:

Stable regulation for all MAS regimes
Speed dependent regulation parameter
Supports 0.7 CPMAS probes
MAS stability of $\leq 0.25 \text{‰}$ at full MAS speed for all diameter
Mounts below HPPR preamp for shortest possible tubing and fastest regulation
visual indication of the spinning state (start, stable spinning, end) by LED light
user-friendly web page based configuration, control, and servicing



Compatibility with installed systems

Electronics: the unit is fully compatible with AVIII and AVIIIHD and NEO ; can be refitted to older Hardware with reduced features.
Magnets: all SB/WB
Software: \geq TS 3.5 for full functionality of MAS3; The MAS3 unit can be operated by using internal webpages providing basic regulation functionality with same specs