

Doty CryoMAS - The Cryo Probe for Solids



- Factor of 5 increase in S/N in an MAS solids Probe by cryogenically cooling the rf coil to 25 K, and cooling the rf circuit, and preamps
- 3 mm spinner for MAS up to 20 kHz
- H/C/N triple resonance tuning
- Independent control of sample temperature from -140°C to +80°C with N₂ spinning gas
- Automatic sample eject
- Cryogen-free operation with closed-loop GM cryo-coolers
- For wide-bore magnets up to 750 MHz

S/N Comparison

