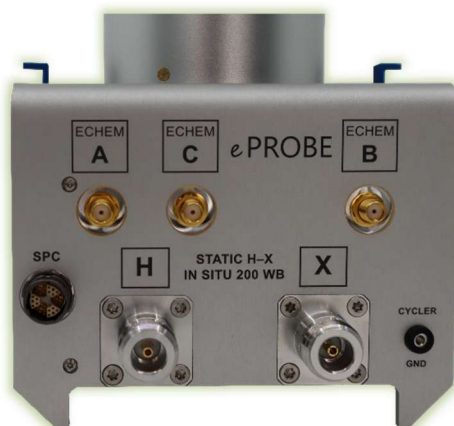
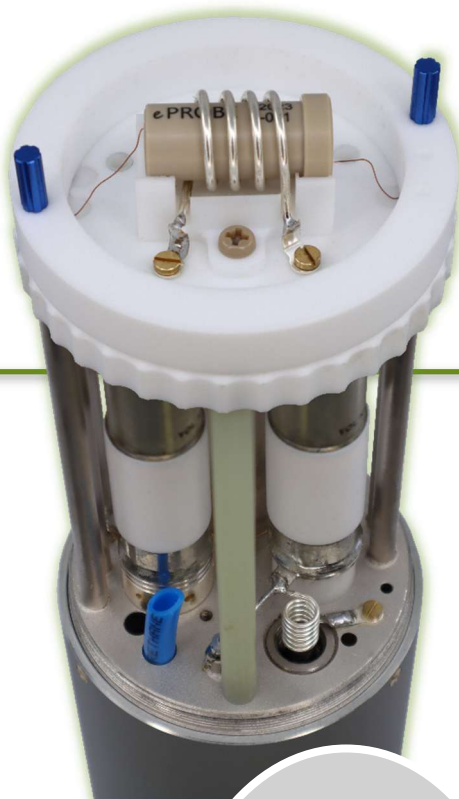
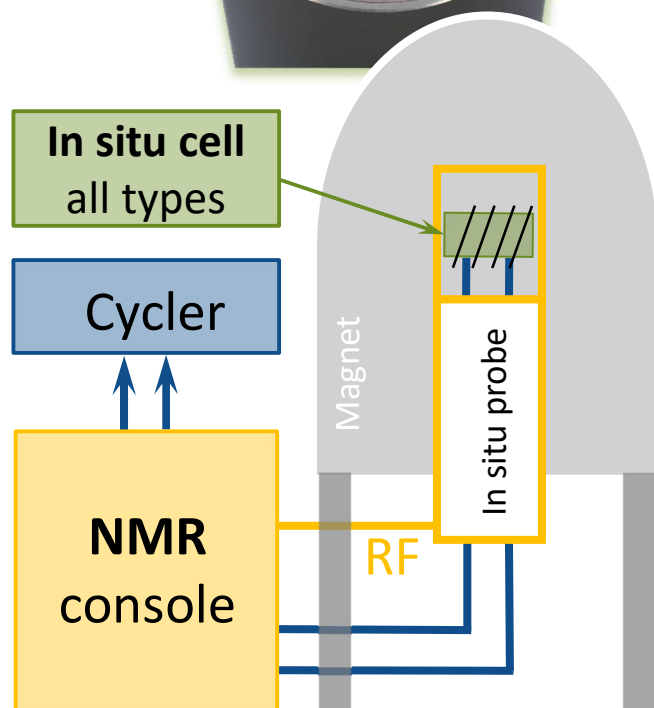


NEW HARDWARE – FASTER WORKFLOW

IN SITU NMR ...



... BATTERY RESEARCH



Options	STATIC—X	STATIC H/F—X
NMR system and RF features		
Wide-bore		
Narrow/standard-bore		
200 – 500 MHz		
600 – 700 MHz		
^{13}C – ^{31}P + ^6Li		
Automatic tune/match		
All NMR systems		
In situ cell and electrochemistry options		
Plastic cell capsules		
Solid state cells		
Coin/Pouch cells		
We are open to discuss <u>your</u> customized solution!		

CUSTOMIZED SOLUTIONS IN MAGNETIC RESONANCE

- Solid-state probes, spectrometers, and accessories as unique as your research
- High-quality probe repairs, maintenance, and customized modification services

SOLID-STATE NMR/NQR PROBES

MAS H/F—X NMR

- Fields 100 to 700 MHz
- MAS 2.5, 3.2, 4.0, and 7.0 mm
- Speciality: LED MAS 3.2 mm

LT—X NMR/NQR

- Cryostat/VTI 1.5 to 425 K
- Option: single/double goniometer

VT/HT H/F—X NMR

- VT between -100 to 300°C
- HT up to 800°C

- Optimized coil/sample holder
- Optimized tuning ranges
- Option: automatic tune/match



SOLID-STATE NMR/NQR SPECTROMETER



Tecmag consoles sales/services

- Redstone – up to 3 GHz
- Scout/Bluestone – up to 300 MHz
- LapNMR – up to 125 MHz

System integration

- Transcoupler and preamplifier
- RF-amplifiers and probe interface

CONTROLLERS AND ACCESSORIES

Controller MAS VT/FLOW GONIO LED



- MAS control up to 100 kHz
- Temperature -190 to 1200°C
- Flow control 30 to 3000 L/h

MAS ROTOR CAP REMOVER 2.5—7.0 mm



REDOR Box

- Splits X- into X/Y-channel
- Type 200—600 MHz
- Type 700—900 MHz
- For Bruker MAS probes
- Applied for REDOR and REDOR-like experiments
- Applied in DNP-MAS