# Solid State NMR Resource

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Field</th>
<th>Model/Year</th>
<th>RF-Console</th>
<th>Magnet</th>
<th>Software</th>
<th>Probes</th>
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</thead>
<tbody>
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<td><strong>Nature</strong></td>
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<tr>
<td>500-MHz</td>
<td>11.5 Tesla</td>
<td>Bruker/2011</td>
<td>AVANCE III; 3-channel; Gradient</td>
<td>Shielded Superconducting</td>
<td>Topspin 3.0</td>
<td>*4.0 mm CP-MAS (^1\text{H},^{19}\text{F}/^{15}\text{N},^{31}\text{P})</td>
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<td>*4.0 mm HR-MAS (^1\text{H},^{13}\text{C})</td>
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<td>2.5 mm CP-MAS (^1\text{H},^{15}\text{N},^{31}\text{P})</td>
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<td>2.5 mm Tri-Gamma (^1\text{H},^{13}\text{C},^{31}\text{P},^{15}\text{N},^{23}\text{Na})</td>
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<tr>
<td>300-MHz</td>
<td>6.9 Tesla</td>
<td>Bruker/2004</td>
<td>TecMag; 3-channel</td>
<td>Non-Shielded Superconducting</td>
<td>NTNMR</td>
<td>*7.0 mm CP-MAS (^1\text{H},^{15}\text{N},^{31}\text{P})</td>
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<td>4.0 mm CP-MAS (^1\text{H},^{15}\text{N},^{31}\text{P})</td>
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*Installed Routine Probe; \(^\d\)Gradient capable; \(^\d\)Consult an NMR staff member