

	Field	Polyaxial experiments
Pulser amplifier system (PAS)	<ul style="list-style-type: none"> <li>– Pulser amplifier desktop units (PADs) = 30 to 70 dB</li> <li>– Built-in frequency bandpass filter of 30 to 100 kHz on PADs</li> </ul>	<ul style="list-style-type: none"> <li>– Pulser amplifier desktop units (PADs) = 30 to 70 dB (40 dB used for the laboratory experiments)</li> <li>– Built-in frequency bandpass filter of 100 kHz to 1 MHz on PADs</li> </ul>
Milne data acquisition system	<ul style="list-style-type: none"> <li>– Multichannel 16-bit waveform acquisition</li> <li>– Sampling rate = 10 MHz</li> </ul>	<ul style="list-style-type: none"> <li>– Multichannel 12-bit waveform acquisition</li> <li>– Sampling rate = 10 MHz</li> </ul>
Piezoelectric AE transducers	<ul style="list-style-type: none"> <li>– Model = ISR6 from Physical Acoustics Corporation</li> <li>– Resonant frequency <math>\sim</math> 50 kHz</li> </ul>	<ul style="list-style-type: none"> <li>– Dual Mode AE Pinducers</li> <li>– Resonant frequency = 20 kHz 1.2 MHz</li> </ul>
Cecchi system	–	<ul style="list-style-type: none"> <li>– P-wave, S1-wave, and S2-wave piezoceramic sensors</li> <li>– Resonant frequency = 800 kHz</li> <li>– Sampling frequency = 10 MHz</li> </ul>