

J-Lab Instrumentation

FUNCTION	COMPONENT TYPE INSTRUMENT
<p align="center">PRODUCE LIGHT</p>	<p>Visible/IR Monochromator Pulsed and Continuous Diode Laser Pulsed Nitrogen Laser Helium-Neon Laser Argon Ion Laser</p>
<p align="center">DETECT LIGHT</p>	<p>High Resolution Spectrometer Photon Counting Detector Photodiode Detector Scintillation Detectors Fabry-Perot Etalon Telescope with CCD Detector Radio Receiver</p>
<p align="center">CONTROL TEMPERATURE</p>	<p>Closed Cycle Helium Refrigerator PID Temperature Controller</p>
<p align="center">APPLY EXTERNAL FIELDS</p>	<p>Voltage Sources NMR Magnet</p>
<p align="center">MEASURE ELECTRICAL SIGNALS</p>	<p>Lock-In Amplifier Digitizing Oscilloscopes Fast-Timing Electronics</p>

L. Illing: Telecommunication laser, detector, modulators + Fast Oscilloscope

Chemistry: NMR Spectrometer