Why instruNet Is Better Than Data Acquisition Boards

#1   instruNet provides Universal Screw Terminals that Directly attach to Thermocouples, Thermistors, RTDs, Strain Gages, Load Cells, Accelerometers, Potentiometers, Voltage Sources, Resistance Sources, & Current Sources.

#2   instruNet provides independently programmable Digital Filters (LP, BP, BS, HP), Analog Filters (LP), integration times, voltage input range, and sample rates for each channel.

#3   instruNet allows placement of the A/D close to the sensor and away from the noisy computer.

#4   Absolue Accuracy is specified, as is done with all Volt Meters (e.g. ±2V range is specified as being accurate to ±1mV). Data acquisition boards don't do this because the sum of all errors, including cable cross-talk and ground loops, are frightening. For more information, download "16pg Comparison Report" at www.gwinst.com/pdf-docs/Report.pdf.

#5   instruNet offers optional low cost optical isolation, to reduce noise with low level signals.