

# Main Features

*Application Note #107, 7/2/2003*

- \* High Accuracy Data Acquisition Boxes attach to Windows 95/98/Me/NT/2K/XP & Macintosh OS >= 8 Computers (must boot OS 9 if on OS >= 10.2 Mac).
- \* instruNet World+ (iW+) application software enables one to design their own instrument and is available at a Very low cost. For details, see [www.instrunet.com/plus](http://www.instrunet.com/plus)
- \* Each Box provides 16se/8di 14bit analog inputs, 8x 8bit analog outputs, and 8 digital I/O lines.
- \* Each Controller provides 10 Counter/Timer Channels (except iNet-230 PC-Card)
- \* Reduce noise by placing boxes near sensors and 0-1000 feet from noisy computer.
- \* Signal Conditioning Amplifiers on each input.
- \* Direct Connect to RTD, Thermocouple, Thermistor, Strain Gage, Bridge, Load Cell, Potentiometer, Accelerometer, Voltage, Current, and Resistance sensors.
- \* 166Ks/sec throughput to Ram or to Disk.
- \* Includes Free Strip Chart/Oscilloscope Software.
- \* Boxes powered by 32bit DSP PCI or PC-Card card in 95/NT/Macintosh computer.
- \* Optional Low Cost Optical Isolation.
- \* Programmable from instruNet World+ (iW+), DasyLab, C, Visual Basic, TestPoint, HP VEE & SuperScope II software. LabVIEW drivers available.
- \* Each channel has independently programmable analog filters, integration time, voltage range, and sample rate.
- \* Programmable digital filters on All channels (LP, HP, BP, BS).
- \* Returns Engineering Units.
- \* Solid Aluminum Construction.