

INF-USB Universal Serial Bus Output Module

- Easy USB connection to Load and Torque Transducers
- Fast 5000 Hz Sample rate
- Graphing and Logging software included
- 16-bit resolution
- Data logged into MS Excel compatible CSV file format
- Shunt Cal trigger via software
- Works with mV/V, $\pm 5V$ DC and 4-20mA output transducers
- Environmentally sealed to IP67



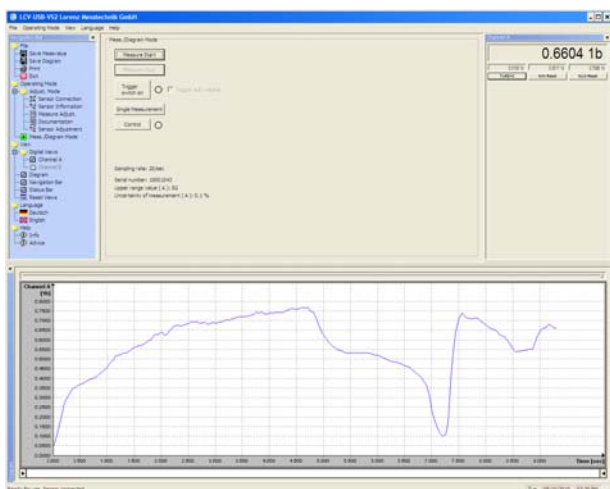
**Module shown with the SSM load cell for illustration only (no load sensor included)*

INPUT

Model	For Use With	Input Range	Excitation to Sensor	Resolution (Counts)	Input Resistance
INF-USB2-A	Rotary Torque or any $\pm 5V$ output sensor	± 5 V DC	12V, max 80 mA	$\pm 25,000$	1.3 M Ω
INF-USB2-B	Any 4-20mA or 0-20mA output sensor	0/4-20 mA 10 \pm 10 mA 12 \pm 8 mA	12V, max 80 mA	$\pm 20,000$	62 Ω
INF-USB2-C	Load cells, Reaction torque or any mV/V output sensor	± 3 mV/V (± 4 mV/V option)	4V, max 20 mA	$\pm 30,000$	200 G Ω

SYSTEM COMPONENTS

System includes one INF-USB output module and software. Load cell sold separately.



INF-USB2 Software

SPECIFICATIONS

POWER	
From USB	4 to 6 VDC, 350mA MAX
PERFORMANCE	
Measuring Rate:	
- Internal Sample Rate	5000/sec
- Software Selectable	1/min to 2500/sec
Temperature Drift	4 counts/10°C
Nonlinearity	0.1%
Accuracy	0.1%
Zero Point	0 counts
Nominal temperature range	+10 to +40°C
Operating temperature	0 to +50°C
Storage temperature range	-10 to +70°C
Max cable length to sensor	3m
Max USB cable length	5m
SOFTWARE	Windows XP, Vista or 7
MODULE DIMENSIONS	4" long x 1" diam