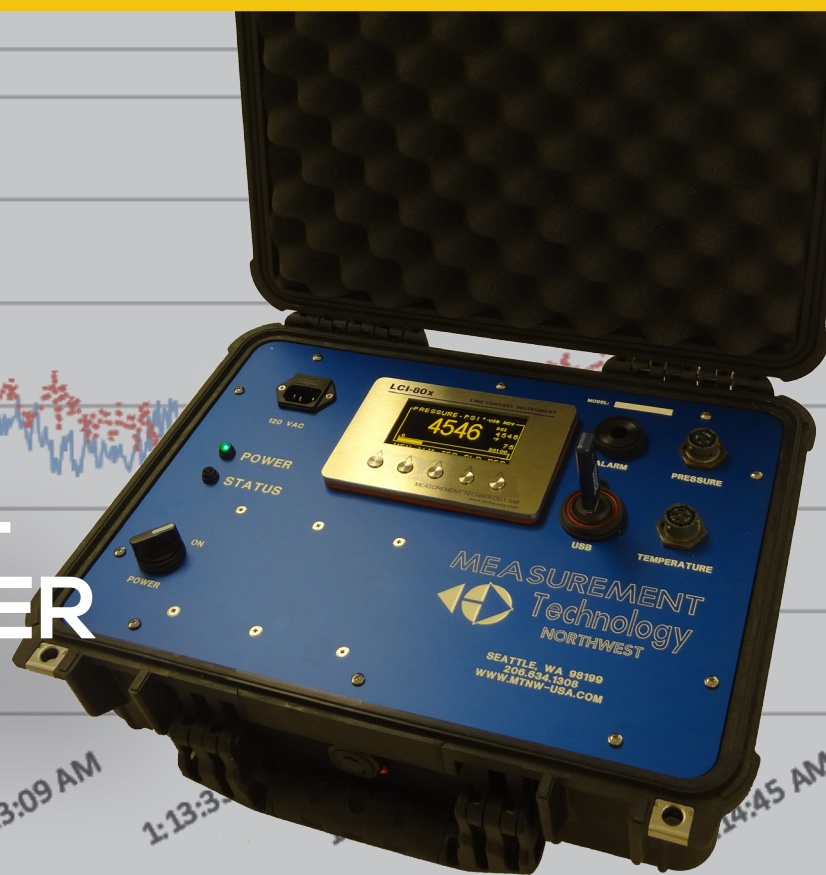


LCI-80X DIGITAL CHART RECORDER



1:11:32 AM

1:11:56 AM

1:12:21 AM

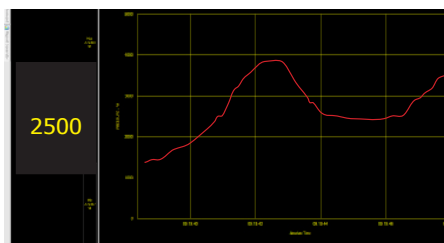
1:12:45 AM

1:13:09 AM

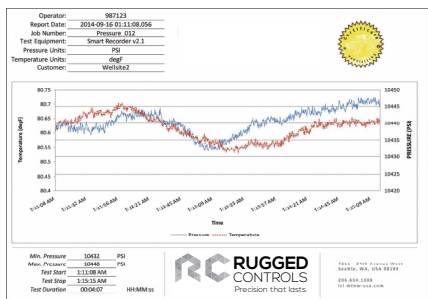
1:13:33 AM

1:14:45 AM

ADVANCED PORTABLE PRESSURE AND TEMPERATURE DATA ACQUISITION SYSTEM



SenseDAC real time monitoring software



Example pressure & temperature chart

FEATURES AND BENEFITS

- Monitors and logs pressure (PSI), temperature, peak PSI, and timestamps measurements to USB memory or SenseDAC data acquisition software
- Audible and visual alarms alert operators to configurable setpoint limits
- Portable pelican case with battery backup provides system power for hours between charges
- USB memory enables turnkey reports after tests are completed
- Available up to 40,000 psi
- Custom PDF reports with customer logo, header, and contact info
- Start and stop collection runs from front panel
- Real-time monitoring software allows for a remote display for lab environments
- Optional wireless interface to SenseDAC software
- Optional branded hardware faceplate

General Specifications

Display	160 x 80 graphic, EL 179° Viewing Angle Readable in all conditions
Operating Temperature	-40°C to 70°C standard
Environmental	IP65 Weatherproof front panel Watertight rear enclosure option
Power	9-36VDC, 8W, fused/filtered Surge protected
Enclosure Size	5.6" W x 3.9" H x 2.5" D
Panel Cutout	5.27" W x 3.55" H
Keypad	(5) sealed front panel pushbuttons

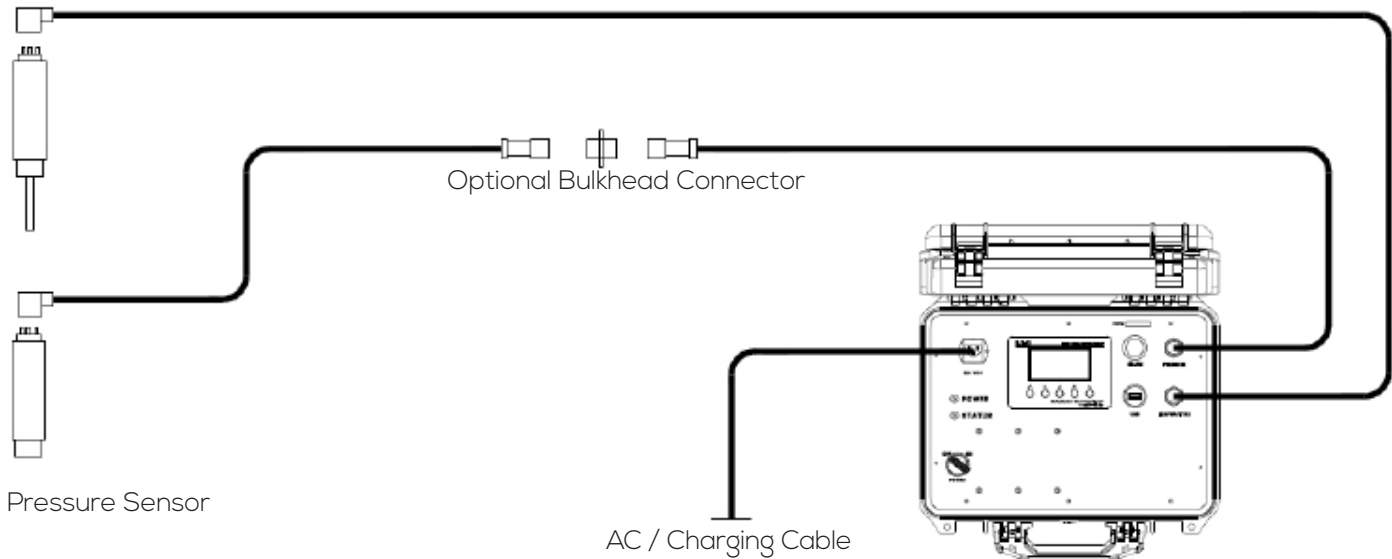
Enclosure Specifications

Seal	O-Ring
Environmental	IP66
Power	SLA Battery, 12+ hours continuous
Enclosure Size	16.54" x 13.03" x 6.84"

Instrument Specifications

Measurement Inputs	(1) mV/V (2) 4-20mA, 0-5VDC, 0-10VDC, ±5VDC (1) Quadrature
Load Cell	5/10 VDC Excitation, 0-20/0-100mV
Count Input	Quadrature, 1x, 2x, 4x Inductive proximity (Hall Effect) Count direction Up/Down 30 kHz Bandwidth
Digital Inputs	(2) channels, 0-60VDC Trigger level 2.5VDC
Resolution	24-bit analog input, 16-bit analog output
Response	Up to 1000 Hz/channel speed
Sensor Excitation	Regulated +5/+12/+24VDC, 0.5 A
Analog Output	(2) 4-20mA, 0-5VDC, 0-10VDC, ±5VDC
Output Relays	(2) SPDT, NO-NC 125VAC 60VDC @ 1 Amp
Serial Communication	RS-485, isolated, 2 wire RS-232, USB, non-isolated
Ethernet	10 base T, TCP/UDP
Comm Protocols	MTNW 1&2, Modbus, TCP/IP, USB Host

Temperature Sensor



*Pressure & Temperature -
standard configuration

LCI-80x Digital Chart Recorder*
Dimensions: 16.54" x 13.03" x 6.84"