Track-It™ Pressure/Temp and Vacuum/Temp Data Loggers

Description

The *Track-It*™ Pressure/Temp and Vacuum/Temp Data Loggers are battery powered stand alone water tight compact data loggers that record up to 64,000 samples. They can be configured to record both Pressure and Temperature or Vacuum and Temperature or either parameter alone to maximize data storage space. The unit is easily configured using the included Track-It™ Software. Simply connect the included USB cable to the logger and an open USB port on your PC and the *Track-It*™ Software automatically identifies the logger. Configure the unit to start recording immediately, stop predetermined time and date, or only when an alarm condition is sensed. The sample storage rate can be set from 1 sample every 2 seconds up to 1 sample every 24 hours. The on board data storage is non-volatile so data will not be lost in the event of a depleted battery.



The *Track-It*™ Pressure/Temperature Data Logger can be ordered in several pressure or vacuum ranges: 0-35, 0-150, 0-350, 0-550, 0-2000 and 0-5800 PSI or 760-380 and 760-0 Torr. The logger is packaged in a rugged submersible 316L stainless steel housing and has a standard 1/4" NPT fitting. The replaceable internal lithium battery has up to a 5 year life.

Features

- Programmable start/stop time
- Programmable sample rate
- Up to 64,000 samples per record
- Alarm set points
- Small compact size
- USB interface (cable included!)
- Interactive software (included!)
- Rugged IP67 package
- Five year battery life (battery included!)

- Temperature range -4 to 185°F (-20-85°C)
- 35, 150, 350, 550, 2000, 5800 PSI ranges
- 760-380, 760-0 Torr ranges
- 150% over range protection
- ¼" NPT male connection
- High accuracy and repeatability
- Accurate internal clock (1 minute/year)
- N.I.S.T. calibration available

Typical Uses

- Industrial Process
- Food Manufacturing
- Water Supply Line
- Hydrant Water Pressure
- Household Water Pressure
- Vacuum Furnaces
- Refrigeration and Air Conditioning

- HVAC
- Oil and Gas
- Petro Chemical
- Compressors
- Pumps
- Hydrostatic Testing
- Water and Wastewater





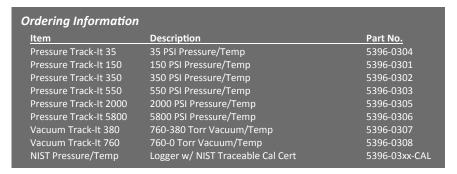


Track-It™ Pressure/Temp & Vacuum/Temp Data Loggers



Specifications

General		Measurement	
Record:	Sample Rates: User configured 1 every 2 seconds to 1 every 24 hours No. of Samples: 32,000 or 64,000 (depends on setup)	Pressure Ranges:	0-35, 0-150, 0-350, 0-550, 0-2000, 0-5800 psi
Record Trigger:	Two independent triggers. Multiple trigger modes: Instantaneous, button control, on alarm, time and date (start and stop), day of week	Accuracy: Resolution:	± 0.5% 0.01%
Record Mode:	Fill to end of memory or cyclic, number of samples and time duration	Overpressure Rating:	1.5 times max
Alarms:	2 user programmable alarms. High or Low	Port connection:	1/4" NPT Male
Communication:	Direct USB connection	Temperature Range:	-20 to +85°C / -4 to 185°F
Software:	Track-It™ Software —Program device, view data (historic or real time), export to Excel™.	Accuracy:	±0.5°C 0 to 50°C / 32 to 122°F ±2°C –20 to 85°C / -4 to 185 F
Battery:	Lithium 1/2AA 1.2Ah Life: Up to 5 years typical @ 1 minute sample rate	Resolution:	0.06°C / 0.11°F
Enclosure:	Material: 316L Stainless Steel Dimensions: 5cm (dia.) x 5.6cm / 1.95" diameter x 2.19" (Excl. port thread)		





Track-It™ Software

Track-It™ Software is a powerful Windows based software package that is included with every Track-It™ Data Logger. It allows for easy setup, retrieval, interpretation and export of the recorded data. Simply connect your Track-It™ data logger to an open USB port and begin communicating immediately.

Choose Absolute or Gauge readings, as well as your pressure scale from a list that includes kPA, MPA, Bar, milliBar, mmHG, inHg, Atm, PSI, pascal, inH2O and torr. Record the average, instantaneous, maximum, or minimum pressure during your sample interval.

Point and click to select your sample interval, alarm set points, engineering units, recording triggers.

View a numerical data table or graphical representation of data readings relative to time. Use the graph tools such as zoom, cursor, min and max to examine and analyze the record. *Track-It™* Software turns your PC into a real time data acquisition system by allowing you to stream graphical or tabular data directly to your PC. Export stored data into a spreadsheet in its entirety or partially using filters.



Track-It™ Transport App

Track-It™ Software



Track-It™ Transport is a free Android Application that allows you to use your Android device to start and stop recording and transfer data using a USB Onthe-Go cable. Available on Google Play:

