Track-It™
Pressure/Temperature Data Loggers

TRANSCAT®

35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001

Description

The Track-It™ Pressure/Temperature Data Logger is a battery powered stand alone water tight compact data logger that records up to 64,000 samples of Pressure and/or Temperature data. It can be configured to record Pressure and Temperature or either parameter alone to maximize data storage space. The unit is easily configured using the included Track-It™ Software. Simply connect a standard 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 and stop recording at a 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 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 ranges: 0-35, 0-150, 0-350, 0-550 and 0-2300 PSI. 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 and sample rates
- 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!)
- Wide temperature range 0-185°F (-20-85°C)
- 35, 150, 350, 550, 0-2300 PSI 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
- Building Supply
- Municipalities

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

MONARCH INSTRUMENT

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Made in USA

Specifications

General

Record:	**Sample Rates:** User configured 1 every 2 seconds to 1 every 24 hours **No. of Samples:** 32,000 or 64,000 (depends on configuration)
Record Trigger:	Two independent triggers. Multiple trigger modes: Instantaneous, button control, on alarm, time and date (start and stop), day of week
Record Mode:	Fill to end of memory or cyclic, number of samples and time duration
Alarms:	2 user programmable alarms. High or Low
Communication:	Direct USB connection
Software:	Track-It™ Software —Program device, view data (historic or real time), export to Excel™.
Battery:	Lithium 1/2AA 1.2Ah Life: Up to 5 years typical @ 1 minute sample rate
Enclosure:	Material: 316L Stainless Steel Dimensions: 5cm (dia.) x 5.6cm / 1.95" diameter x 2.19" (Excl. port thread)

Measurement

Pressure Ranges:	0-35, 0-150, 0-350, 0-550, 0-2300 psi
Accuracy:	± 1%
Resolution:	0.25%
Repeatability:	±0.05%
Overpressure Rating:	1.5 times max
Port connection:	1/4" NPT Male
Temperature Range:	-20 to +85°C / -4 to 185°F
Accuracy:	±1°C 0 to 50°C / 32 to 122°F ±2°C −20 to 85°C / -4 to 185 F
Resolution:	0.01°C / 0.01°F

Ordering Information

Item	Description	Part No.
Pressure Track-It 35	35 PSI Pressure/Temp	5396-0304
Pressure Track-It 150	150 PSI Pressure/Temp	5396-0301
Pressure Track-It 350	350 PSI Pressure/Temp	5396-0302
Pressure Track-It 550	550 PSI Pressure/Temp	5396-0303
Pressure Track-It 2300	2200 PSI Pressure/Temp	5396-0305
NIST Pressure/Temp	NIST Traceable Cal Cert	5396-03-CAL

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.

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

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 (capability varies by model). Use the one click export function to automatically export stored data into an Excel spreadsheet.