Track-It™ Pressure/Temp Vacuum/Temp

without Display Data Logger

Features:

- Programmable start/stop time
- Programmable sample rate
- Up to 64,000 samples per record
- Alarm setpoints
- Small compact size
- USB interface (cable included)
- Interactive software (free download)
- Rugged IP67 package
- One-year battery life (battery included)
- Temperature range –4 to 185 °F (-20-85 °C)
- PSI ranges: 35, 150, 350, 550, 2000, 5800
- Torr ranges: 760-380, 760-0
- 150% over range protection
- ¼" NPT male connection
- High accuracy and repeatability
- Accurate internal clock (1 minute/year)
- NIST Traceable Certificate available

IP67

The Track-It Pressure/Temp and Vacuum/Temp Data Loggers are battery-powered, standalone watertight 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 free downloadable Track-It™ DataLogger Software. Simply connect the included USB cable to the logger and an open USB port on your PC and the Track-It DataLogger Software automatically identifies the logger. Configure the unit to start or stop recording immediately, 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 up to 1 sample every 24 hours. The onboard data storage is non-volatile so data will not be lost in the event of a depleted battery.

MADE IN THE USA with US and Imported Components

Absolute or Gauge

Vacuum

www.monarchinstrument.com

Track-It™ Pressure/Temp Vacuum/Temp Data Logger

Specifications*	Track-It™ Pressure/Temp Vacuum/Temp Data Logger
General:	
Record: Sample Rates	User-configured 1 every 2 seconds to 1 every 24 hours
Record: No. of Samples	32,000 or 64,000 (dependent upon setup)
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	Two (2) user-programmable alarms (High or Low)
Communication	Mini USB connection
Software	Track-It™ DataLogger Software—Program device, view data (historic or real-time), export to spreadsheet.
Battery	Lithium 1/2AA 1.2Ah Life: Up to 1 years typical @ 1 minute sample rate
Enclosure	Material: 316L stainless steel, IP67
Dimensions	1.95 in. diameter x 2.19 in. [5 cm diameter x 5.6 cm] (excludes port thread)
Safety	Meets the safety requirements of IEC61010-1. This product is not waterproof.
Measurement:	
Pressure Ranges	0-3, 0-35, 0-150, 0-350, 0-550, 0-2000, 0-5800, 0-8700, 0-14,500 PSI
Vacuum Ranges	0 to -380 Torr, 0 to -760 Torr
Accuracy	±0.25% FS
Resolution	0.01%
Repeatability	±0.5%
Overpressure Rating	1.5X max
Port Connection	¼" NPT male; ½" NPT male for 8700 and 14,500 ranges
Temperature Range	-20 to +85°C /-4 to 185°F
Accuracy	± 1.0 °C 0 to 50 °C / 32 °F to 122 °F ± 2 °C -20 to 85 °C / -4 °F to 185°F
Resolution	0.6°C / 0.11°F

***Specifications are subject to change without notice.**

Accessories: Monarch offers many accessories to enhance the functionality and keep your Track-It efficiently running. See webpage for details.

Ordering Information

Range	PN: PSIA	PN: PSIG
0-3 PSI		5396-0310
0-35 PSI	5396-0304	5396-0354
0-150 PSI	5396-0301	5396-0351
0-350 PSI	5396-0302	5396-0352
0-550 PSI	5396-0303	5396-0353

Range	PN: PSIA	PN: PSIG
0-2000 PSI	5396-0305	5396-0355*
0-5800 PSI	5396-0306	5396-0356*
0-8700 PSI		5396-0357*
0-14500 PSI		5396-0358*

*Sealed gauge sensors

Range	PN
0 to -380 torr	5396-0307
0 to -760 torr	5396-0308

NIST Traceable Certificate is available on all models: Logger with NIST Traceable Calibration Certificate PN: 5396-030x-CAL

Pressure/Vac 0423

MONARCH INSTRUMENT

15 Columbia Drive, Amherst NH 03031
800-999-3390 // 603-883-3390 // Fax 603-886-3300
sales@monarchinstrument.com

www.monarchinstrument.com