



Track-It™ Pressure/Temp Vacuum/Temp with Display Data Loggers

Features:

- Display live and min./max readings
- Record up to 10 samples/second
- Bluetooth Low Energy (LE) communication using PC or **Track-It™ Transporter Android app** (available free on Google Play)
- Alarm setpoints and indicators
- User definable engineering units
- USB interface (cable included)
- Track-It™ DataLogger software (free download)
- Rugged enclosure
- ¼" NPT male connection (½" NPT male for 8700 and 14,500 ranges)
- Temperature Range: -4 °F to 185 °F (-20 °C to 85 °C)
- PSI Ranges: 3, 35, 150, 350, 550, 2000, 5800, 8700 and 14,500
- Vacuum/Torr: 0 to -380, 0 to -760, 760 to 0, 760 to -760
- 150% over range protection
- ASME Grade 3A Accuracy (±0.25% FS)
- Accurate internal clock (1 minute/year)
- NIST Traceable Calibration available
- Rotate head and display 359 degrees



The Track-It™ Pressure/Temperature or Vacuum/Temperature Data Loggers with Display are battery-powered, stand-alone, water-resistant data loggers that emulate a pressure gauge. They can be configured to record both Pressure and Temperature up to 130,000 samples or Pressure alone, to maximize data storage space. Real-time data, alarms, and min/max information can be displayed on the multiline LCD.

The Loggers can be programmed to record data from 10 times a second up to once a day. The user initiates the recording immediately, manually via the keypad buttons, at some future preset time, or on an alarm condition. With Bluetooth LE connection, users can collect real-time data wirelessly using the Track-It Transporter Android app (free on Google Play) or PC.

Track-It™ Pressure/Temp or Vacuum/Temp Data Loggers are packaged in a rugged, water-resistant anodized aluminum and stainless steel housing and have a standard ¼" NPT fitting for vacuum and pressure ranges up to 5800 PSI or ½" NPT for higher pressure ranges.



Track-It™ Pressure/Temp or Vac/Temp Data Logger with Display

Specifications*	Track-It™ Pressure/Temp Vacuum/Temp Data Logger with Display
General:	
Record: Sample Rates	User-configured 10 times per second up to 1 every 24 hours
Record: No. of Samples	130,000 (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, time duration
Display	Two-line, 4½-digit 7-segment LCD and 4-digit alphanumeric display with custom icons, multi-segment bar graph for 0-100% indication, backlit
Alarms	2 user-programmable alarms (High or Low)
Communication	Mini B USB Port or Bluetooth LE (if compatible) Bluetooth LE: transmission range ≈ 25 ft. [7.62 m]; max range is directional from the front of the logger CE, FCC, and IC compliant
Software	Track-It™ Software—Program device, view data (historic or real-time), export to spreadsheet
Battery (included)	Lithium 1/2AA 1.2Ah Life: Up to 1 year typical @ 1 minute sample rate
Enclosure	Anodized Aluminum and 316L Stainless Steel
Dimensions	2.94 in. diameter x 1.82 in. deep x 4.78 in. [74.6 mm x 76.3 mm x 121.4mm] tall including port threads
Measurement:	
Pressure Ranges	0-35, 0-150, 0-350, 0-550, 0-2000, 0-5800 PSI (Absolute or Gauge) 0-3, 0-8700, 0-14500 PSI (Gauge only)
Vacuum Ranges	0 to -380 Torr, 0 to -760 Torr, 760 to 0 Torr, 760 to -760 Torr
Accuracy	±0.25% FS
Resolution	0.01%
Overpressure Rating	1.5X max
Port Connection	¼" NPT male vacuum up to 5800 PSI; ½" NPT male for higher pressure ranges
Temperature Range	-20 °C to +85 °C / -4 °F to 185 °F
Accuracy	± 1 °C 0 to 50°C / 32 °F to 122 °F ± 2 °C -20 to 85 °C / -4 °F to 185 °F
Resolution	0.1 °C / 0.2 °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 the webpage for details.](#)

Ordering Information

Range	PN: PSIA	PN: PSIG	Range	PN: PSIA	PN: PSIG	Range	PN: Torr
0-3 PSI		5396-0380	0-2000 PSI	5396-0335	5396-0375*	0 to -380 torr	5396-0337
0-35 PSI	5396-0334	5396-0374	0-5800 PSI	5396-0336	5396-0376*	0 to -760 torr	5396-0338
0-150 PSI	5396-0331	5396-0371	0-8700 PSI		5396-0377*	760 to 0	5396-0340*
0-350 PSI	5396-0332	5396-0372	0-14500 PSI		5396-0378*	760 to -760	5396-0341
0-550 PSI	5396-0333	5396-0373	*Sealed gauge sensors				

NIST Traceable Calibration Certificate is available on all models: Logger with NIST Traceable Certificate PN: 5396-03xx-CAL

Pressure/Vac Display 0823



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