

MODEL 7554

Process monitor



FEATURES :

- Continuous process monitoring (tracking)
- 3 peak recording functions
- 2 record functions (with multiple sampling rates from 1 Hz to 10 kHz and storage for up to 8,000 data points)
- 3 process control output signals (for High, Low and Target occurrences)
- RS232 output
- Storage capability for up to 8,000 peak readings
- 4 log operation functions (viewing, uploading, printing and erasing)
- Selectable engineering units
- Menu locking feature
- Automatic power-down (when sensor is not plugged in)
- Rechargeable Ni-Cad batteries
- Graphic User Interface software available (consult factory)
- Optional simultaneous angle or rpm measurements

The Model 7554 is a portable Process Monitor and Control Instrument designed to work with our Auto-ID transducers for Plug-and-Play operation. This versatile instrument is designed for:

- Measuring force, torque, pressure or displacement
- Capturing and storing multiple peaks
- High-speed recording of measurement profiles vs. time
- Optional simultaneous angle or rpm measurements available
- Control of remote devices

PERFORMANCE SPECS :

7554

SPECIFICATIONS

Digits:	(5 w/no decimal)
Height of digits:	0.25"
Sampling rates:	
Track:	4 Hz
Peak:	5 kHz
Record:	selectable up to 10 kHz
Frequency response:	(-3 dB) at 1000 Hz
Accuracy:	max error = 0.05% of F.S.
Max input and F.S.:	± 4.5 mV/V
Polarity:	Bipolar
Bridge excitation:	7V supplied
Minimum bridge impedance:	120
Data output:	232 port ASCII, 9600 baud, 8-N-1
Control/limit outputs:	Open collector
Analog output:	0-2.4 VDC (1 VDC @ 2 mV/V)
Dimensions:	6.0" W x 8.0" D x 1.75" H
Power:	
AC (adapter supplied):	115 VAC
Batteries:	9.6V internal/rechargeable

MODEL NUMBER	
7554-100	Standard version
7554-101	Angle/rpm version