EXTECH INSTRUMENTS

PRODUCT DATASHEET

SD750 3-Channel Pressure Datalogger



Extech's 3-Channel Pressure Datalogger allows technicians to easily monitor and record pressure levels from three sources using one meter instead of three. Applications include pressure measurements from hydraulic, pneumatic, air compressor, and process gas systems, as well as other industrial applications. The logger features a large triple LCD display and records data on an SD card in an Excel®-ready format for easy transfer to a PC for analysis, trending, and archiving.



Features

- Triple LCD simultaneously displays 3 pressure channels
- Connect to installed transducers (up to 5000psi with 4-20mA output) or optional 30psi, 150psi or 300psi transducers listed below
- 4-20mA input with readout in 9 units of measure
- Datalogger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- User can select the data sampling rate: 5, 10, 30, 60, 120, 300, 600 seconds or Auto
- Complete with six AAA batteries, 2G SD card, Universal AC Adaptor, three connectors, and mounting bracket
- Optional transducers sold separately (choose 30psi, 150psi or 300psi range)

Specifications	30psi	150psi	300psi
bar	0.002 to 2 bar	0.01 to 10 bar	0.02 to 20 bar
psi	0.02 to 30 psi	0.2 to 150 psi	0.2 to 300 psi
kg/cm^2	0.002 to 2.040 kg/cm^2	0.01 to 10.19 kg/cm^2	0.02 to 20.40 kg/cm^2
mmHg	2 to 1500 mmHg	10 to 7500 mmHg	20 to 15000 mmHg
inHg	0.05 to 59.05 inHg	0.2 to 295.2 inHg	0.5 to 590.5 inHg
mH_2O	0.02 to 20.40 mH_2O	0.1 to 101.9 mH_2O	0.2 to 204.0 mH_2O
inH_2O	1 to 802 inH_2O	5 to 4010 inH_2O	10 to 8020 inH_2O
atm	0.002 to 1.974 atm	0.01 to 9.87 atm	0.02 to 19.74 atm
kPa	0.2 to 200.0 kPa	1 to 1000 kPa	2 to 2000 kPa
Memory	2M data using 2G SD memory card		
Dimensions/ Weight	5.2 x 3.1 x 1.3" (132 x 80 x 32mm)/ 7oz (199g)		

Ordering

SD750 ..... 3-Channel Pressure Datalogger
PT30-SD ..... Pressure Transducer for SD750 (30psi)
PT150-SD ..... Pressure Transducer for SD750 (150psi)
PT300-SD ..... Pressure Transducer for SD750 (300psi)



Optional Pressure Transducers: Universal Pressure Transducers available in three ranges (30psi, 150psi, and 300psi). Purchase the transducer with the range that best fits your application needs or call our tech support hotline if you need guidance.

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