

# 16 CHANNEL DATA LOGGER



MODEL AI-1600D

FOR TEMPERATURE, HUMIDITY, PRESSURE, & FLOW (UNIVERSAL INPUT)

These are 16 Channel Universal Input Data Loggers which can be configured to take inputs of RTD Pt-100 Sensors (Temperature), Pressure (4-20 mA), Humidity (4-20 mA) Temperature from Transmitters (4-20 mA), Any thermocouples, Voltage or Current (mA) Signals.

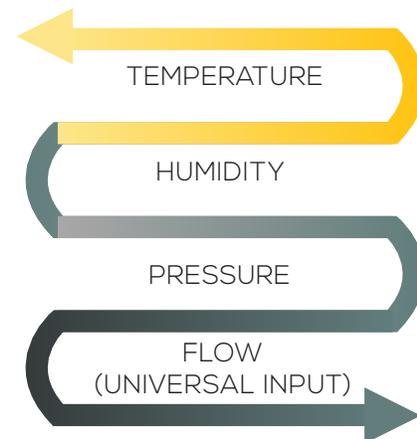
The data loggers ( recorders ) have a direct printer port which can be connected to a 80 Column Dot Matrix Printer without using a computer. The instrument can be programmed from the front keys to print the data of all 16 Channels at any time interval.

This means that the print time between successive printouts is user programmable from 5 secs to 9999 secs. The printout includes the date, time, channel no. & its value.

Additional features include universal input selectable from front key, i.e., each channel can be independently configured for any kind of input. Thus, a single instrument can be used to record temperatures, pressure, vacuum, flow, pH, conductivity on different channels of the same instrument.

The instruments have a RS232 / RS485 Computer communication port & come with the trusted Datalog 16 V3 Data Logging / recording software with Online Tabular View, Data Graphing & Excel Sheet Reporting .

**21 CFR Part 11 Compliant Software are also available for the Data Loggers.**



# SPECIFICATIONS

Input Type	: All 16 Channels Programmable between RTD Pt-100 3 Wire (Temperature), Pressure (4-20 mA), Humidity (4-20 mA), Temperature from Humidity ,All Thermocouples, 0-1 V.D.C.
Memory	: 3000 readings of all 16 Channels
Display	: 2 Digit for Channel No. ; 5 Digit for Process Variable Red LED Display
Accuracy	: +/- 0.3 % of Full Scale
Modes	: Channel Skip , Hold & Auto Modes
Scan Time	: 1 to 59 seconds ( User Programmable )
Key Pad	: 8 Keys Membrane Key Pad
Calibration	: Software Based for Individual Channel
Relay/ Alarm	: 4 Relay Contacts for Alarm & Trip
Size	: 96 (W) x 192 (H) x 225 (D) mm.
Communication	: RS 232/RS 485 Computer Connectivity Output & Parallel Printer Port For Direct Printing onto 80/132 Column Dot Matrix Printer
Compatible Software	: Data Log 16 V 3 Software with Reporting ,Online Tabular View & Data Graphing with report generation in Excel Sheet

## ACE INSTRUMENTS

(An ISO 9001-2008 Certified Company)

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