

Data Acquisition Software

SNT - DAST 24 Bit USB Data Acquisition System



SNT-DAST is a low cost portable data acquisition System. It's powerful data acquisition software specifically designed for SNT's series of Data Acquisition Modules.

The interfacing software gives easy interacting with various modules and manipulates & displays the data in well manner.

The user can decide how to display the data and what he/she gets from the module. User can draw wire-frames to communicate with the interfacing hardware.

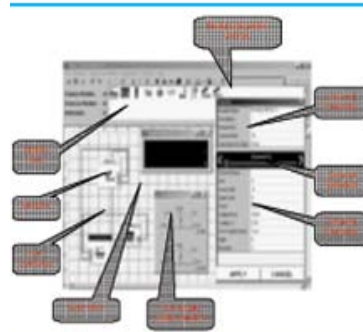
FEATURES

- > Low cost and portable data acquisition trainer
- > Analog input channels: 11
 - Direct interface for Thermocouple through Temperature Transmitter
 - Direct interface for Pressure through Pressure Transmitter
- > Digital input channels: 5
- > 8 bit D/A Conversion: 1 channel
- > 16 bit general purpose counter or 16 bit PWM
- > USB 2.0 full speed connectivity to desktop PC, Note book.
- > Application Modules for fun free learning.

SPECIFICATION

- > Analog Input resolution: 24 bits
- > Analog Input range: 0 to 10V
- > Counter resolution: 16 bits
- > DAC resolution: 8 bits
- > Digital output voltage range: 0 or 5V.

Easy Lab General Purpose Data acquisition Software



SNT's EASYLab is a powerful data acquisition software specifically designed for various RS-485 protocol based Data AcquiModules

FEATURES

- > Analog/Digital Input/Output

Control

- > Switch: ON/OFF or momentary switch for program and data control
- > Slider: Definable signal range; signal level to be modified during measurement
- > Latch: Constantly outputs the input value received last

Display

- > Y/t Chart: High-speed scope display for fast data with a wide range of display options
- > X/Y Chart: Display data blocks of two dependent signals as an X/Y plot, including the new Polar plot.
- > Analog Meter: Provides several shapes of instruments and offers peak hold and trend indicator options
- > Digital Meter: Display the value, with trend display and lower/upper marks
- > Bar Graph: Bar (horizontal/vertical), thermometer, LED or triangle style; trend and range display options
- > Chart Recorder: Chart display for slow data, wide display area and a wide range of display options
- > List: Show data values displayed in list form; several formatting options
- > Status Lamp: TTL or Digital Signal status displayed as text and/or images

Files

- > Read/Write
- > Save format: MS/Excel format, Text format, Tabular format, ASCII, Grphical

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