Since 1972

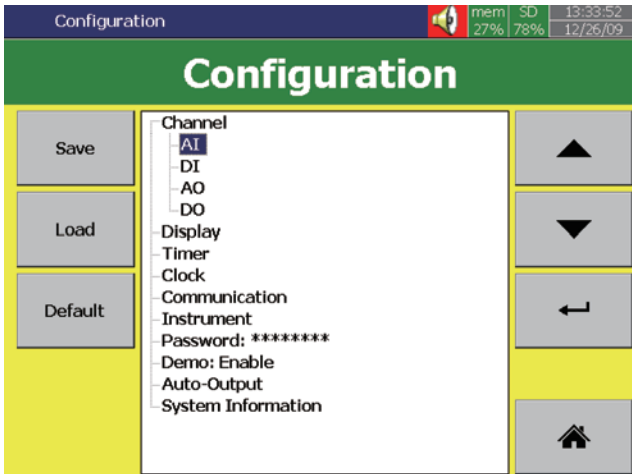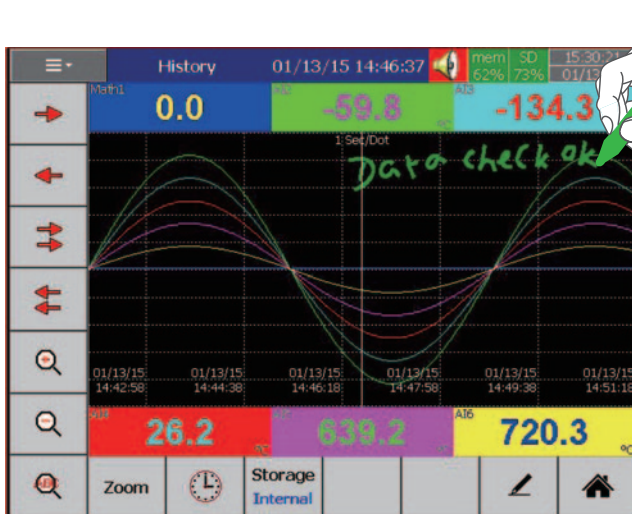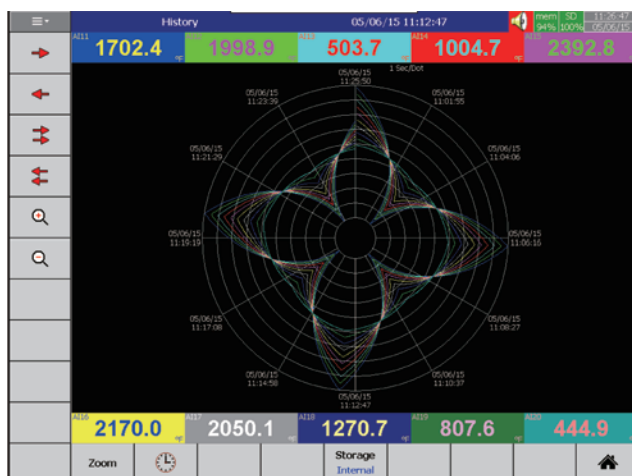## PPS Series Videographic Data Recorders

Firmware Features

Configuration in Indented Layout for easy operation

Free hand note taking, directly on the screen

Display simulates Circular Chart Recorder
(PPS-3000 only)

Standard Firmware Package

- *AI:* Analog Input is offered in various logging speeds of 100mS, 1, 2, 5, 10, 20, 30 Sec., 1, 2 minutes

- *DI:* Digital Input can be configured for Normal Logic or High Frequency Pulse

- *AO:* Analog Outputs can be configured in mA or Volts and it's function defined.

- *DO:* Digital/Relay Outputs can be enabled for process functions

- *Display:* Various display speeds can be set in 100mS, 1, 2, 5, 10, 20, 30, Sec., 1, 2, 10, 30 min./page, 1, 2, 4, 8, 12 hrs./page, 1 day/page

- *Timer:* Timer configured in Countdown, Repeat Countdown, Daily, Weekly, of Monthly base and various jobs can be defined

  - *Clock:* Date Style of MM/dd/yy or dd/MM/yy, Time Synchronize via Internet, and Daylight Savings Time can be defined

  - *Communications:* Web Server and E-mail functions

  - *Instrument:* Brightness adjustment & Screen Saver

- *Password:* If Normal Security is chosen, then one password is offered. If the high security of CFR-21 is chosen, then 9 levels of passwords can be defined

- *Demo:* Built-in Demonstration of the instrument's features can be activated

Optional Firmware Plus 1 Package

- Math, Counters and Totalizer functions within derived channels

- Derived Channels by Model Number:
  PPS-1000: 15 derived channels
  PPS-2000: 40 derived channels
  PPS-3000: 60 derived channels

- High frequency pulse inputs can be configured from digital inputs

- With the CFR 21 security feature enabled, the PPS Series meets the requirements for electronic data for FDA 21 CFR part 11

- External Channel Input: The PPS Series is configurable as a Master or Slave device with the number of external channels varying by Model. The External Channels require Modbus RTU protocol over either the TCP/IP Ethernet port or the optional serial RS232/485

- Data log Batch start/stop allows batch data file name, file duration, lot number and up to 3 comments to be stored as part of the file

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