2638A

2686A

NetDAQ (2640)

Data acquisition equipment

2638A Hydra Series III Data Acquisition System/DMM

A price performance break-through in standalone data acquisition system.
- DC accuracy of 0.0024 %
- Best-in-class thermocouple accuracy of 0.5 °C
- Up to 67 universal differential, isolated inputs
- On screen color trend graphing
- Easy menu system for setup and data management
- 6.5 digit DMM function selections
- Monitor function for real-time viewing and charting between scans
- 20 on-board separate math channels
- 45 channels/sec basic dc scan rate
- Internal 75,000 scan memory plus USB drive port
- Expands to thousands of channels with application software
- Data security features
- USB flash drive support for data transfer to PC
- CAT II 300 V input safety rated

2680 Series Data Acquisition Systems

Standalone or networked precision multi-channel data acquisition
- 20 to 120 universal analog inputs per chassis; systems to +2,000 channels
- Stand-alone data logger operation with the 2686A
- Large scalable LAN systems using the 2680A with 10BaseT/100BaseT
- Two types of Universal Input Modules: high-isolation precision modules or fast scan modules, with 16- to 18-bit resolution
- Throughput of more than 3,000 channels-per-second-per-chassis with 2680A-FAI modules
- Superior thermocouple measurement accuracy (J, K, R, S, T, N, I, U, C, B)
- 20 digital I/O and 8 form C, 1 Amp relay output modules for direct control of equipment
- Up to 300 V input isolation, 1600 V transient overvoltage protection (2680A-PAI)
- Universal input conditioning for any input, on any channel, in any combination (V dc, V ac, Ohms, frequency, RTD, thermo-couple, thermistor or current)
- ATA flash memory card for stand-alone operation – from 16 MB to 1 GB (2686A only)
- Multiple power sources: 100 V to 240 V and 9 V to 45 V dc
- Includes Fluke DAQ Software: Controls all 2680 Series functions, provides real-time and historical and also communicates with NetDAQ and Hydra Series III products
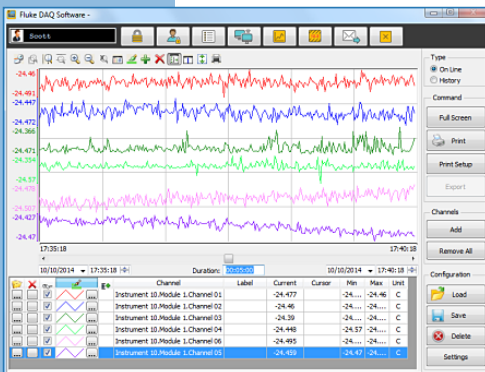
NetDAQ® Networked Data Acquisition Unit

Powerful combination of hardware and software that is ideal for small-to-medium scale process monitoring and test systems.
- Data acquisition, up to 1,000 readings per second
- 20 analog input channels expandable up to 2,000 channels
- Extensive optional plotting and trending capabilities
- Includes Fluke DAQ software
- Flexible ac or dc power
- Replaces chart recorders

Fluke DAQ 6.0 Application Software

A powerful and versatile application for quick and easy configuration, data logging and analysis using Fluke data acquisition products.
- Easy multi-unit configuration for any mix of Fluke 2638A, 1586A, NetDAQ or 2680 Series
- Full screen trend charting of up to 32 channels with zoom, print and scaling functions
- Built-in OPC server software for sharing Fluke DAQ data with popular client programs
- Logon security features
- Auto start on power interrupt settings
- Master/slave configurations available
- Alarm logging with history with acknowledgement features
- Four web clients for remote viewing and control of systems using secure login
- Automated email of alarm alerts
- Up to 2000-channel capability
- Runs on a variety of operating systems including Windows 7 and 8

Fluke DAQ 6.0