

Series 6800 is a ready-to-run, high performance laboratory based Measurement System. Enclosures are 3U rack mountable or can be used right on the desktop. 6800 units come equipped with a conditioner, amplifier, filter and digitizer. Each channel has a front mounted connector specific to a measurement type: RJ-45 for 8-wire bridge transducers, BNC for voltage or ICP/IEPE inputs or a 3-wire military grade connector. Individual channels have a differential +/- 10V input and can digitize and record data to 16-bit resolution with upper and lower programmable alarm capability that is checked each time the output is digitized. Solutions are available for providing digital outputs based on these alarm conditions.

Systems interface to a familiar Windows based operator workstation over USB 2.0 where the included software, PI660, is used for setup, display & acquisition of the measurement data. PI660 allows for acquisition and control of one or many 6800 systems and provides real time data display. Data can be displayed and recorded in any number of ways, creating a versatile system that can fit any application. Series 6800 is fully compatible with Pacific Instruments' Series 6000 Transducer Data Acquisition Systems. Custom configurations are easily accommodated with this system; please contact our sales engineers for additional information.

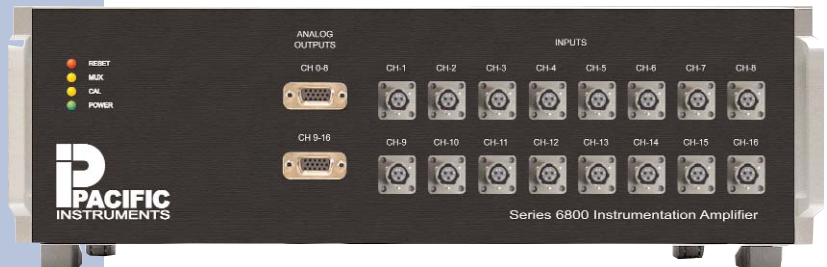
MODEL 6825 - ICP/IEPE Data Acquisition

- 16 Channels ICP/IEPE/Voltage Input
- 200k/s 16-Bit Digitizer
- High Level Buffered/Calibrated Analog Outputs
- AC/DC Coupling
- BNC Inputs
- IRIG Time A, B or G
- Digital I/O
- PI660 Turnkey Software Included



MODEL 6830 - Instrumentation Amplifier

- 16 Channels Voltage / Instrumentation
- 200k/s, 16-Bit Digitizer
- High Level Buffered/Calibrated Analog Outputs
- AC/DC Coupling
- 3-Pin MIL Inputs
- IRIG Time A, B or G
- Digital I/O
- PI660 Turnkey Software Included



MODEL 6845 - Strain/Bridge Data Acquisition

- 16 or 32 Channels Strain/Bridge Input
- 10kS/s, 16-Bit Digitizer
- Bridge Completion, Remote Sense, Shunt Calibration, Low-pass Filters
- RJ45 Input Connector
- IRIG Time A, B or G
- Digital I/O
- PI660 Turnkey Software Included

