I-SERIES ENGINE DYNAMOMETERS

DATA MEASURE & CONTROL

The AW DynPro 2100S computer is a complete data acquisition and control system. Data collected from the dynamometer and engine is processed using a real-time, dedicated processor and is rapidly transferred via Ethernet. It also has the ability to control the dynamometer load and engine throttle.

Other features include:
- 64 channels of Thermocouple inputs
- 64 channels of analog inputs
- Frequency inputs for fuel consumption
- Data link J1939 and J1587/1708
- 8/16 in/out digital I/O

TS SOFTWARE

AW's TS software package is LabVIEW based and capable of operating in a Windows environment. The software is loaded on a PC or Laptop and interfaces to the AW DynoPro 2100S Ethernet. The TS software can be used as a simple program to record all of the dynamometer and engine functions and print a test report, or as a sophisticated program capable of performing a profile test of predetermined speeds and loads.