

User I/O Option

Model ID: 6289



AFM Workshop products have software developed in a National Instruments LabView environment. In the event that you need additional data input/output, AFM Workshop is pleased to offer the **National Instruments 6289 USB product**. The specifications for this product are exceptional and will meet the demands of the most rigorous experiments.

Data Input Output Channels are:

- ▶ **32 AI (18-Bit, 625 kS/s)**
- ▶ **4 AO (16 Bit 2.86 MS/s)**
- ▶ **48 DIO USB Multifunction I/O**

The USB 6289 offers analog I/O, correlated digital I/O, two 32-bit counters/timers, and analog and digital triggering. The device delivers low-cost, reliable DAQ capabilities in a wide range of applications from simple applications in laboratory automation, research, design verification/tests, and manufacturing tests. You can add sensor and high-voltage measurement capability to your device with SCC or SCXI signal conditioning modules. The included NI DAQmx driver and configuration utility simplify configuration and measurement.