



## **Ocean Optics, Inc.**

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The ADC2000-PCI+ is a data acquisition card that interfaces with the PCI BUS of any standard PC.

### **New Features:**

- + True 8 channel pixel rotation (2048 pixels per channel. i.e....No loss of resolution.)
- Quicker “boot up” timing for compatibility with faster more advanced PCs.
- Optimized for electrical noise and elimination of channel-to-channel crosstalk.

### **Standard Features:**

- PC interface:
  - PCI-BUS (internal)
- Software Driver integrated into standard Ocean Optics 32 bit driver library
- Supports A/D functionality
  - 2MHz A/D rate → 2ms minimum integration time
  - Controls up to eight S2000 type spectrometers (1-Master and up to 7-slaves)
  - Standard Channel Rotation
  - 4 Triggering modes
  - Software controllable continuous strobe
  - Strobe enable
  - 8 User programmable Digital GPIO (**G**eneral **P**urpose **I**nput/**O**utput)
- S2000 interface:
  - Connects with Blue ADC cable CBL-1
- Physical Size: approximately 4” x 6” x .5”
- Runs on all 32-Bit Windows Platforms



Fig. 1a - ADC2000-PCI+