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Data Sheet

August 15, 2026

DIGI-LABS

Digi-Labs 012-0895 PCI Spectrometer Interface Board

The Digi-Labs 012-0895 is a PCI Spectrometer Interface Board. This board enables seamless communication between a spectrometer and a computer via the PCI interface, facilitating data acquisition and instrument control in spectroscopy applications.



MODEL

Digi-Labs 012-0895

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

012-0895

LISTING

<https://aumictechlabs.com/products/012-0895-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Digi-Labs 012-0895 PCI Spectrometer Interface Board is a hardware interface adapter that enables direct communication between spectrometers and host computer systems via the PCI bus. The board functions as a PCI bus target (slave) device, managing bidirectional data acquisition and instrument control for spectroscopy applications. It has two connection interfaces: a 50-pin female Centronics connector on the front panel for spectrometer linkage and a 10-pin male J1 connector on the rear panel for auxiliary connections. This design supports integration of Digilab UV/Vis instruments into laboratory and industrial measurement systems where precision data handling and instrument command execution are essential. Technical Specifications Bus Interface: PCI Bus Target (Slave) Front Panel Connector: 50-pin Female Centronics Rear Panel Connector: 10-pin Male J1 Form Factor: Standard PCI Primary Function: Spectrometer data

acquisition and instrument control

Key Features

- PCI bus target interface for efficient data transfer
- Dual-connector architecture supporting multiple instrument configurations
- Command execution capability for connected spectrometer control
- Designed for UV/Vis spectroscopy instrument integration

Typical Applications

- Spectroscopic data acquisition systems
- Laboratory spectrometer control and automation
- Industrial spectroscopy measurement environments

Digilab instrument integration

Compatibility & Integration

The board integrates into any computer system equipped with an available PCI slot. Integration with Digilab UV/Vis instruments is supported through the front-panel Centronics interface. Complete device compatibility, operating system support, and application-specific configuration details are documented in the manufacturer's technical documentation.

0120895 Characteristics / Specifications

PARAMETER	VALUE
Model	012-0895
Instrument Type	PCI spectrometer interface board
Manufacturer	Digi-Labs
Literature	remaining-queue listing Digi-Labs 012-0895 PCI Spectrometer Interface Board
Family	Digi-Labs PCI spectrometer interfaces
Form Factor	as installed per drawing
System Role	PCI capture of spectrometer data in systems that specify 012-0895
Brand Lineage	Digi-Labs
Queue Title	Digi-Labs 012-0895 PCI Spectrometer Interface Board
Documentation Type	OEM remaining-queue listing
Use Case	PCI capture of spectrometer data in systems that specify 012-0895
Vendor Path	Digi-Labs
Year Class	012-0895 generation
Application Class	PCI spectrometer interface board
Module Class	PCI spectrometer interface board
Host Class	host on the drawing
Connector Class	connectors on the drawing
Ate Class	industrial / lab ATE class
Control Class	front panel / firmware on the drawing
Environment Class	ambient on the nameplate
Voltage Class	volts on the nameplate
Current Class	amperes on the nameplate
Config	012-0895 remaining-queue suffix
Function Class	function on the drawing
Bus Class	PCI spectrometer interface

PARAMETER	VALUE
Spectrometer Role	interface board

0120895 Specifications

PARAMETER	VALUE
Applications	PCI capture of spectrometer data in systems that specify 012-0895 in systems that specify 012-0895.
Key Features	Digi-Labs 012-0895
Technical Specifications	Model: 012-0895
Notes	From remaining-queue title (Digi-Labs 012-0895 PCI Spectrometer Interface Board). ADC and connector maps are on the 012-0895 drawing.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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PARAMETER	VALUE
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Spectrometer Role	interface board
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Notes

From remaining-queue title (Digi-Labs 012-0895 PCI Spectrometer Interface Board). ADC and connector maps are on the 012-0895 drawing.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.