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Data Sheet

August 15, 2026

INFICON / LEYBOLD

Inficon / Leybold 235003 Center Three Single-Channel Vacuum Gauge Controller

Inficon Leybold Center Three Single Channel Vacuum Gauge Controller 235003 The Inficon/Leybold 235003 Center Three is a single-channel vacuum gauge controller. OEM Center Three listings describe a compact controller for one active vacuum gauge with display and setpoints, complementary to Graphix Three (230682V01) multi-channel control. Single-channel active vacuum-gauge display and interlock on laboratory and process vacuum systems. Instrument Type: Single channel vacuum gauge controller The Inficon/Leybold 235003 Center Three is a single-channel vacuum gauge controller. OEM Center Three listings describe a compact controller for one active vacuum gauge with display and setpoints, complementary to Graphix Three (230682V01) multi-channel control. Single-channel active vacuum-gauge display and interlock on laboratory and process vacuum systems. Instrument Type: Single channel vacuum gauge controller Related Multi Channel: Graphix Three 230682V01



MODEL

**Inficon / Leybold
235003**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

235003

LISTING

<https://aumictechlabs.com/products/235003-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Inficon / Leybold 235003 Center Three is a three-channel vacuum gauge controller designed for precision measurement and control of total pressure across multiple vacuum systems. This multi-channel display and control unit interfaces with Leybold transmitter series to enable simultaneous monitoring and regulation of vacuum environments in laboratory and industrial settings.

Technical Specifications

Channels: 3 independent measurement channels

Mains Voltage: 90–250 VAC, 50–60 Hz

Power Consumption: Maximum 65 W

Transmitter Supply: +24 VDC $\pm 5\%$, 500 mA (SELV-compliant)

Operating Temperature: +5 to +50 °C

Storage Temperature: –20 to +60 °C

Relative Humidity: Maximum 80% (up to 31 °C); maximum 50% above 40 °C

Maximum Altitude: 2000 m NN

Pollution Degree: II

Protection Class: II, Overvoltage Category II

Environmental Rating: IP20 protection, indoor use only

Measurement Error: Offset $\leq 0.01\%$ FS;

Drift rates: Fast $\leq 10\text{ s}^{-1}$, Normal $\leq 50\text{ s}^{-1}$

Key Features

Front-panel control via 4 pushbuttons for manual operation

RS232C remote control interface for system integration

Per-channel sensor connections via RJ45 (FCC 68) and 15-pin D-Sub female connectors

Self-resetting transmitter fuse protection

Mains input: IEC 320 C14 European appliance connector

Typical Applications

Total pressure measurement in vacuum systems, research chambers, coating processes, and industrial vacuum environments requiring real-time multi-point monitoring and automated control.

Compatibility & Integration

The controller operates with THERMOVAC (TTR 90, TTR 91, TTR 96, TTR 100, TTR 101), IONIVAC (DI 201, DI 2000, DI 2001, DI 2001 rel.), PENNINGVAC series, CERA-VAC series, and compatible transmitters ITR 90 and ITR 200. Each transmitter must be operated per its respective operating manual specifications.

235003 Characteristics / Specifications

PARAMETER	VALUE
Model	235003
Catalog Name	Center Three
Instrument Type	Single channel vacuum gauge controller
Channel Count	1
Gauge Class	active vacuum gauges
Related Multi Channel	Graphix Three 230682V01
Manufacturer	Inficon Leybold
Literature	Inficon Leybold Center Three 235003 listings
Family	Center/Graphix vacuum gauge controllers
Brand Lineage	Leybold Inficon
Form Factor	vacuum gauge controller
System Role	single channel active gauge controller
Use Case	vacuum gauge display and interlock
Documentation Type	OEM Center Three listing
Year Class	Center Three
Application Class	vacuum measurement
Vendor Path	Leybold Inficon
Display Class	Center vacuum display
Setpoint Class	vacuum interlock setpoints
Documentation Class	OEM Center Three catalog
Control Class	active gauge controller
Companion Role	Leybold/Inficon active gauges
Operating Mode	single channel vacuum control
Instrument Class	vacuum gauge controller
Sensor Class	active vacuum gauges

PARAMETER	VALUE
Interface Class	vacuum controller I/O
Power Class	vacuum controller mains
Enclosure Class	Center controller chassis

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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Model	235003
Catalog Name	Center Three
Instrument Type	Single channel vacuum gauge controller
Channel Count	1
Gauge Class	active vacuum gauges
Related Multi Channel	Graphix Three 230682V01
Manufacturer	Inficon Leybold
Literature	Inficon Leybold Center Three 235003 listings
Family	Center/Graphix vacuum gauge controllers
Brand Lineage	Leybold Inficon
Form Factor	vacuum gauge controller
System Role	single channel active gauge controller
Use Case	vacuum gauge display and interlock
Documentation Type	OEM Center Three listing
Year Class	Center Three
Application Class	vacuum measurement
Vendor Path	Leybold Inficon
Display Class	Center vacuum display
Setpoint Class	vacuum interlock setpoints
Documentation Class	OEM Center Three catalog
Control Class	active gauge controller
Companion Role	Leybold/Inficon active gauges
Operating Mode	single channel vacuum control
Instrument Class	vacuum gauge controller
Sensor Class	active vacuum gauges
Interface Class	vacuum controller I/O

PARAMETER	VALUE
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Enclosure Class	Center controller chassis

Notes

From Inficon/Leybold Center Three 235003 listings (single-channel vacuum gauge controller). Compatible gauge types and setpoint ratings are on the Center Three specification page.

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.