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Data Sheet

August 15, 2026

INFICON / LEYBOLD

Inficon / Leybold 230682V01 Graphix Three Universal Controller for Active Vacuum Sensors

Inficon Leybold Graphix Three Universal Vacuum Gauge Controller 230682V01 The Inficon/Leybold 230682V01 Graphix Three isauniversal controller for active vacuum sensors. OEM Graphix Three listings describeathree-channel vacuum gauge controller that operates Leybold/Inficon active gauges with display, setpoints, and serial/analog I/O for vacuum systems. Three-channel active vacuum-gauge control and interlock in process and laboratory vacuum systems. Instrument Type: Universal controller for active vacuum sensors The Inficon/Leybold 230682V01 Graphix Three isauniversal controller for active vacuum sensors. OEM Graphix Three listings describeathree-channel vacuum gauge controller that operates Leybold/Inficon active gauges with display, setpoints, and serial/analog I/O for vacuum systems. Three-channel active vacuum-gauge control and interlock in process and laboratory vacuum systems. Instrument Type: Universal controller for active vacuum sensors Channel Class: three channel vacuum gauge controller



MODEL

**Inficon / Leybold
230682V01**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

230682V01

LISTING

<https://aumictechlabs.com/products/230682v01-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Inficon/Leybold 230682V01 Graphix Three is a universal controller for active vacuum sensors, delivering real-time measurement data across up to three independent channels. The 3.5-inch TFT touchscreen provides graphical curve display, bargraph visualization, and decimal readouts with zoom functionality across a measurement range of 1×10^{-10} to 2000 mbar (0.75×10^{-10} to 1500 Torr). This controller accepts Leybold's THERMOVAC, IONIVAC, PENNINGVAC, CERA-VAC, and DU sensor series, plus active vacuum gauges from other manufacturers outputting linear or logarithmic 0–10 V signals. The intuitive menu interface supports six independently adjustable switching thresholds with variable hysteresis and floating changeover relay contacts rated 1 A / 30 V AC / 30 V DC. Each channel output can be freely assigned to individual measurement channels.

Technical Specifications
Measurement range: 1×10^{-10} to 2000 mbar / 0.75×10^{-10} to 1500 Torr
Measurement channels: Up to 3
Display: 3.5-inch TFT touchscreen
Visualization: Curve display, bargraph display, decimal display with zoom
Display units: mbar, Torr, micron, Pascal, psi (selectable)
Switching thresholds: 6 adjustable with variable hysteresis
Relay output: Floating changeover contact, 1 A / 30 V AC / 30 V DC
Chart recorder outputs: Three 0–10 V outputs (one per channel); optional 4th programmable output
Mains: 100–240 V, 50/60 Hz

Key Features
Data logging via front-panel USB for measurement data and configurations
Pressure rise test function for leak detection
Degas function for ITR transmitters; zero alignment for CTR transmitters
Sensor connections: 15-way Sub-D socket and FCC68 (RJ45)
RS 232 and RS 485 communication interfaces
Multi-language support: English, German, Chinese, Japanese, French, Italian, Spanish, Korean
Compatibility & Integration Leybold THERMOVAC, IONIVAC, PENNINGVAC, CERA-VAC, and DU sensor series
Third-party active vacuum gauges with 0–10 V linear or logarithmic output
Standalone or rack-mountable operation
USB data transfer for real-time measurements and configuration management

230682V01 Characteristics / Specifications

PARAMETER	VALUE
Model	230682V01
Catalog Name	Graphix Three
Instrument Type	Universal controller for active vacuum sensors
Channel Class	three channel vacuum gauge controller
Gauge Class	active vacuum sensors
Manufacturer	Inficon Leybold
Literature	Inficon Leybold Graphix Three 230682V01 listings
Family	Graphix vacuum gauge controllers
Brand Lineage	Leybold Inficon
Form Factor	vacuum gauge controller
System Role	multi channel active gauge controller
Use Case	vacuum system gauge control
Documentation Type	OEM Graphix Three listing
Year Class	Graphix Three
Application Class	vacuum measurement
Vendor Path	Leybold Inficon
Related Controller	Center Three 235003 single channel
Display Class	Graphix vacuum display
Setpoint Class	vacuum interlock setpoints
Documentation Class	OEM Graphix Three catalog
Control Class	active gauge controller
Companion Role	Leybold/Inficon active gauges
Operating Mode	multi 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	Graphix 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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PARAMETER	VALUE
Power Class	vacuum controller mains
Enclosure Class	Graphix controller chassis

Notes

From Inficon/Leybold Graphix Three 230682V01 listings (universal controller for active vacuum sensors). Gauge types, pressure range, and setpoint ratings are on the Graphix 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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.