

Active Hot Cathode Ionization Gauge

- Range: 5×10^{-10} mbar to 5×10^{-2} mbar
- Small, compact and cost competitive
- Includes built-in spare filament for improved uptime
- Good accuracy and excellent reproducibility



Technical Data

	Range	Flange	Accuracy Reproducibility	Max. Bakeout Temperature Operating Temperature	Signal Connector
Active Sensors	 BARION® XS 5×10^{-10} to 5×10^{-2} mbar	DN25KF	±20 %	80 °C	9 pin SUB-D
		DN40KF	±5 %	5 to 45 °C	
Active Sensors	 ATMION® COMPACT 1×10^{-10} to 1000 mbar	DN25KF	±10 % (10^{-8} to 10^{-2} mbar)	250 °C (without electronics)	RS232 optional: Profibus DP
		DN40CF	±25 % (10^{-2} to 10 mbar) ±5 %	10 to 40 °C	
Active Sensors	 ATMION® STANDARD 1×10^{-10} to 1000 mbar	DN40CF	±10 % (10^{-8} to 10^{-2} mbar) ±25 % (10^{-2} to 10 mbar) ±5 %	250 °C (without electronics) 10 to 40 °C	RS232
Passive Sensor	 BARION® 2×10^{-11} to 4×10^{-2} mbar	DN40CF	±10 % ±5 %	400 °C (without plug and cable) 250 °C (with plug and cable)	VACOM® Plug

* Further information and data sheets on request.

VACOM® Vacuum Gauges

Made in Germany

Diaphragm gauge, heat loss or ionisation vacuum sensor, wide range combination gauge:
 Which measurement principle is capable for my vacuum application?

Take benefit of our long lasting experience in manufacturing vacuum gauges for industrial processes as well as R&D applications. Our knowledgeable and skilled team will give you solid recommendations finding the optimum sensor and controller.

All VACOM® vacuum gauges combine accuracy, robustness, quality, high lifetime, user friendliness and operation safety in one device. We are looking forward to customizing our innovative and market proven gauges to your requirements.

Service-wise, all our standard gauges, controllers and cables are on stock for fast availability at customer sites. To ensure continuity in your production process, we will be able to provide exchange gauges or controllers on request. A highly qualified team of VACOM® technicians ensures fast repairs, also on customer sites.



ATMION® COMPACT

Active Hot Cathode Ionization Gauge

- Range: 1×10^{-10} mbar to 1000 mbar
- Includes built-in spare filament for improved uptime
- Includes PC software for controlling basic functions and readout protocol
- Very good accuracy and excellent reproducibility



BARION®

Bayard-Alpert Ionization Gauge

- Range: 10^{-11} mbar to 4×10^{-2} mbar
- Includes built-in spare filament for improved uptime
- Reduced vibrations, filaments are heated with DC current
- Very good accuracy and excellent reproducibility
- Operates up to 250 °C, maximum bake out temperature 400 °C



ATMION® STANDARD

Active Hot Cathode Ionization Gauge with Replaceable Filaments

- Range: 1×10^{-10} mbar to 1000 mbar
- Includes built-in spare filament for improved uptime
- Includes PC software for controlling basic functions and readout protocol
- Very good accuracy and excellent reproducibility
- Bakeout up to 250 °C (with dismantled electronics)



MVC-3

Controller for VACOM® Gauges

- User friendly interface
- Energy saving technology, excellent precision in signal processing
- Includes PC software for controlling basic functions and readout protocol

