

Visionary Sensor Technology



Gemini

MAG500, MPG500 Vacuum Gauge

Wide Range – Heavy Worker
The compact solution
for vacuum measurement
in challenging environments

Gemini

MAG500, MPG500 Vacuum Gauges



The INFICON Gemini Inverted Magnetron Vacuum Gauge is the workhorse for all vacuum measurement application. Gemini combines two sensor systems into one small device to measures from atmosphere to 1×10^{-9} mbar. The patented (pending) ultra-low magnetic stray field design opens up a whole new range of applications. A unique interchangeable dual chamber sensor unit avoids cleaning cycles and reduces maintenance, making Gemini the most robust and economical vacuum gauge of its kind.

Typical applications

- Base pressure monitoring and control, from atmosphere to high vacuum in evaporation and sputter coating applications.
- General vacuum measurement – industrial furnaces, architectural glass, semiconductor, refrigeration and air conditioning.
- Analytical and R&D applications – mass spectrometry, electron microscopes, medical, ophthalmic, optical and high energy physics.

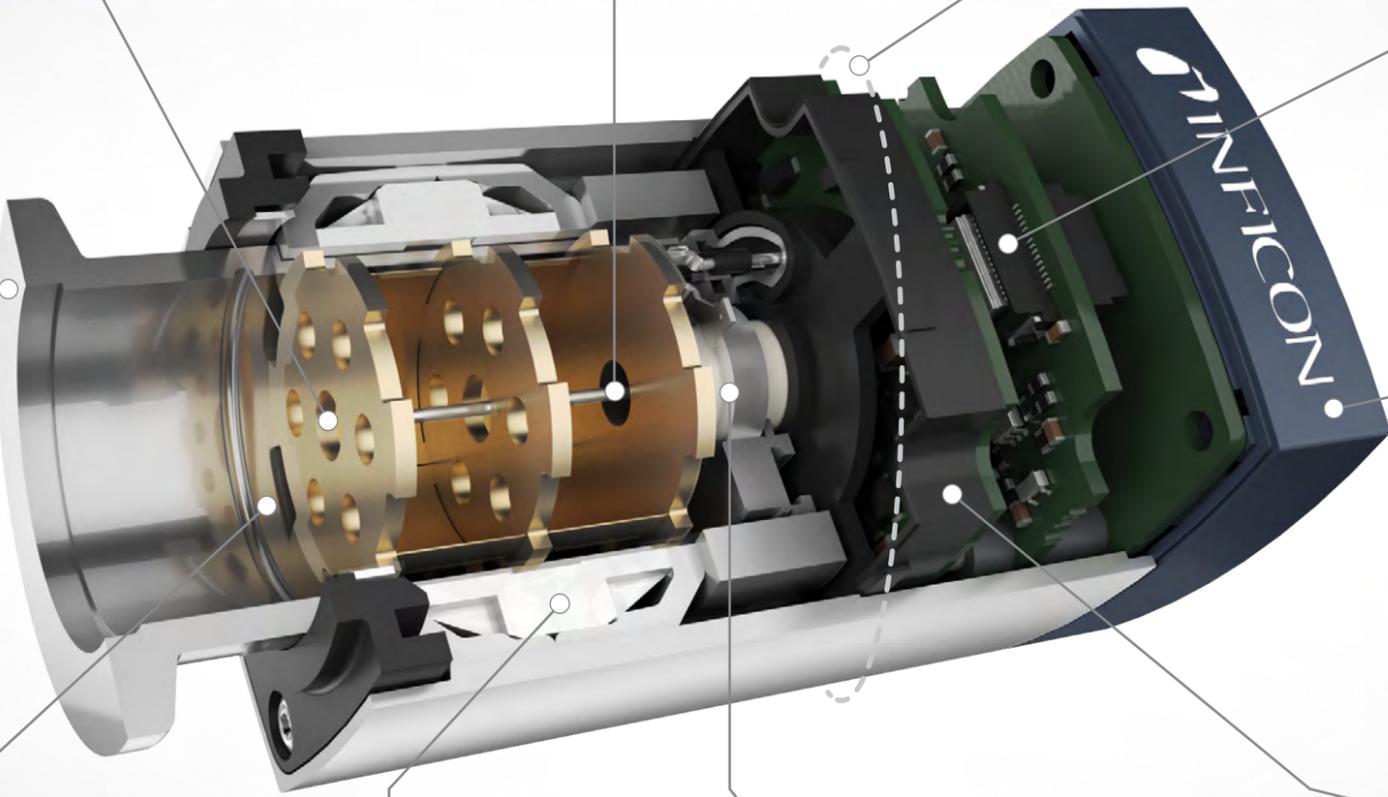
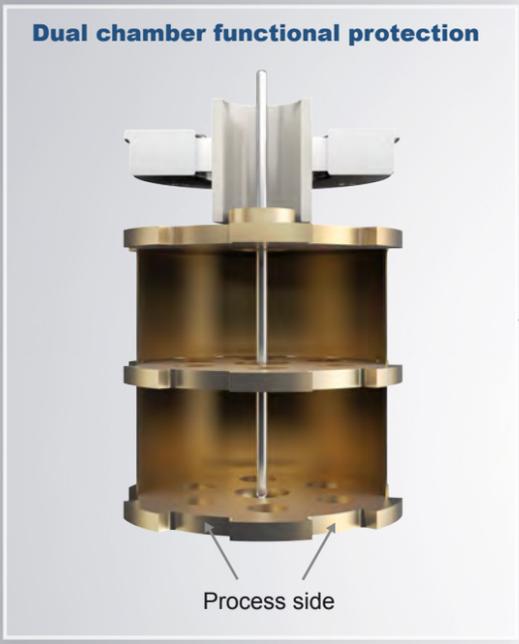
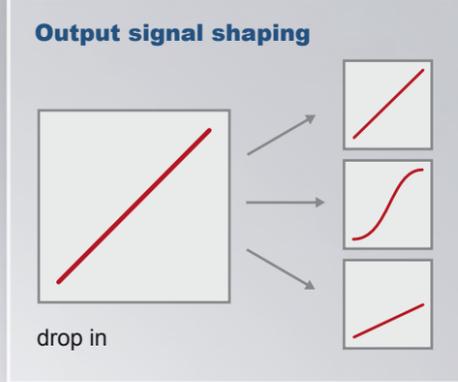
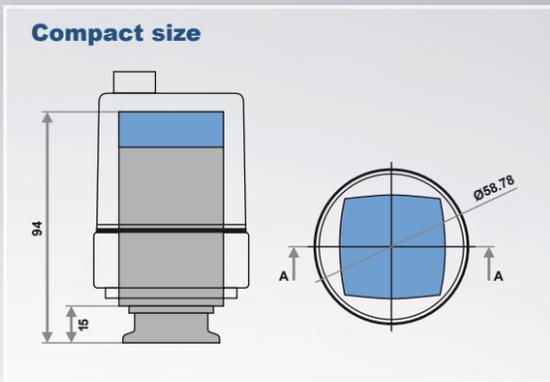
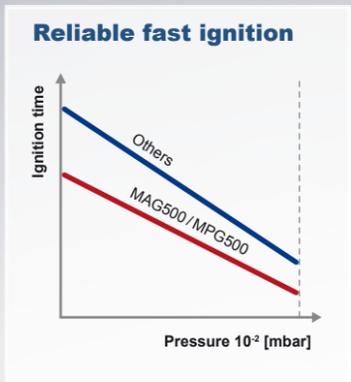
Gemini Cold Cathode and combination comes with fully integrated digital electronics, providing ultimate flexibility for system integration.

Cold cathode and Pirani combination option provides seamless transition, reliability, practicality and flexibility across wide ranging applications.

For more detailed information and product documentation refer to inficon.com.

Quick & easy maintenance

1 Electronic unit 2 Replacement sensor 3 Ionization insert chamber



Electrical connections

Different plugs

Compact
FCC RJ45

Classic
D-Sub 9 pin

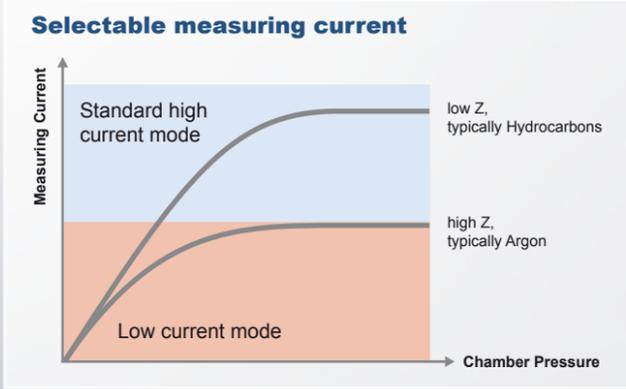


No magnetic stray field nothing sticks

Corrosion proof feed through

Standard X

Ceramic coated



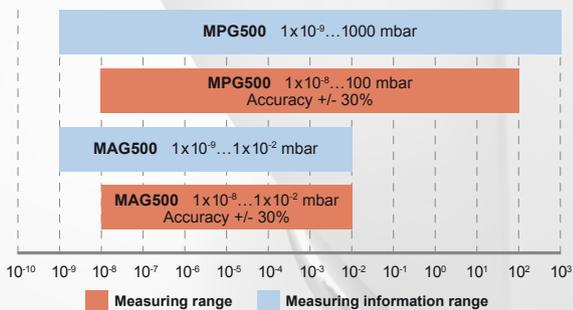
FEATURES AT A GLANCE

- Long lifetime in harsh environments
- Zero maintenance – replaceable insert
- Excellent ignition properties – proven design
- Low magnetic stray field – analytical applications
- Compact size



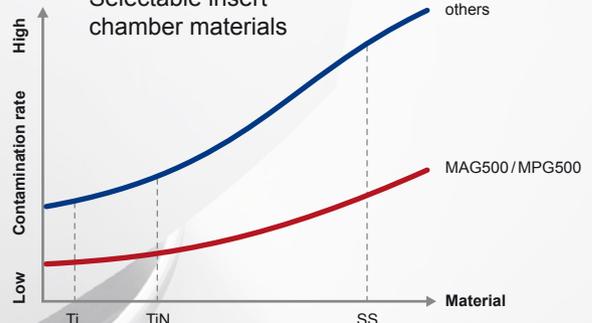
Measurement Range

MAG500 and MPG500



Long lifetime

Selectable insert chamber materials



EXCELLENT CUSTOMER SUPPORT IS A COMMITMENT

INFICON provides a global network of sales and service centers. These centers are staffed with local service and application experts who can assist you in choosing the best solution for your individual product application and provide fast support if service is needed.



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Due to our continuing program of product improvements, specifications are subject to change without notice.

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