Gemini
MAG500, MPG500 Vacuum Gauge

Wide Range – Heavy Worker
The compact solution for vacuum measurement in challenging environments
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 $1 \times 10^{-9}$ 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](http://inficon.com).*
Gemini MAG500, MPG500 Vacuum Gauges

The INFICON Gemini Inverted Magnetron Vacuum Gauge is the workhorse for all vacuum measurement applications. Gemini combines two sensor systems into one small device to measure pressures from atmosphere to 1x10^{-9} mbar. The patented pendulum-free 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 Pirani combination comes with fully integrated digital electronics, providing ultimate flexibility for system integration.

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

Africa

Americas
INFICON Inc.
East Syracuse, NY
Phone: +1.315.434.1100
E-mail: reach.us@inficon.com

Europe, Middle East and Africa
INFICON GmbH
Cologne
Phone: +49.221.567.881.00
E-mail: reach.germany@inficon.com

Asia and Pacifica

CHINA
INFICON Ltd.
Beijing
Phone: +86.10.6590.0164
E-mail: reach.china@inficon.com

INDIA
INFICON PVT. Ltd.
Pune
Phone: +91.20.4120.4854
E-mail: reach.india@inficon.com

JAPAN
INFICON Co. Ltd.
Yokohama-shi, Kanagawa-ken
Phone: +81.45.471.3328
E-mail: reach.japan@inficon.com

KOREA
INFICON Ltd.
Kyunggi-do
Phone: +82.31.783.2942
E-mail: reach.korea@inficon.com

SINGAPORE and AUSTRALIA
INFICON PTE Ltd.
Singapore
Phone: +65.6631.0300
E-mail: reach.singapore@inficon.com

TAIWAN
INFICON Co. Ltd.
Chupei City
Phone: +886.3.552.5828
E-mail: reach.taiwan@inficon.com