



Visionary Sensor Technology



CDG025D

High Precision Vacuum Gauge

Focused on industrialized applications

CDG025D Vacuum Gauge

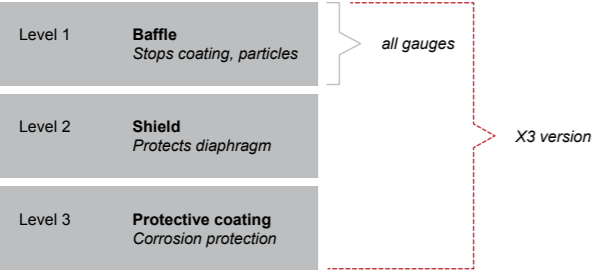


The INFICON CDG025D Capacitance Diaphragm Gauge line is designed for stable long time performance in harsh manufacturing environments. The corrosion resistant ultra-pure ceramic sensor provides superior span stability over many years paired with state of the art zero stability. This bonded ceramic structure provides an unprecedented temperature stability over millions of pressure cycles, including atmospheric bursts. Advanced electronics offer the user a wide choice of suitable filters yielding solutions for all applications. A unique sensor shield (patents granted) protects the gauge from undesired process byproducts. For advanced processes, a total Alumina coating immunizes the product against chemical attack.

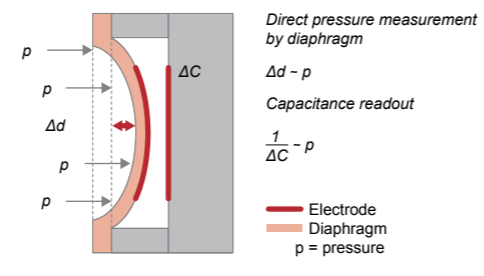
Typical applications

- Load Lock
- Puller, ovens
- Industrial
- Analytical
- PVD, CVD, Etch
- Oxidation
- Sterilization
- Quality control, reference vacuum

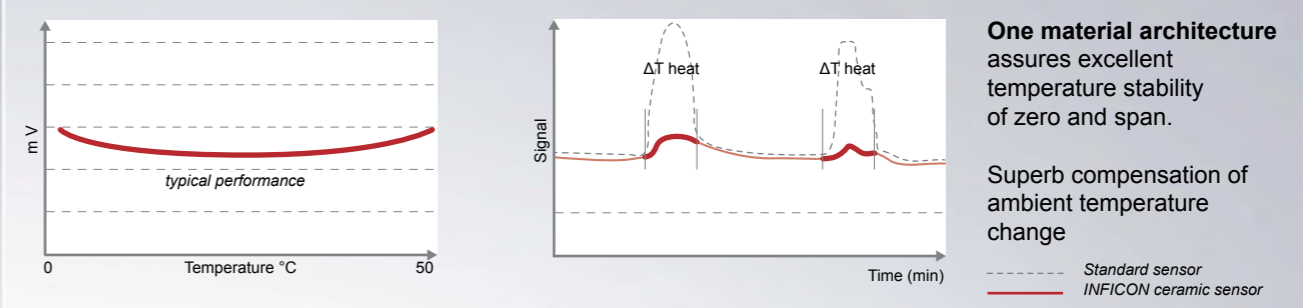
Gauge protection for increased lifetime



CDG working principle



Temperature coefficient

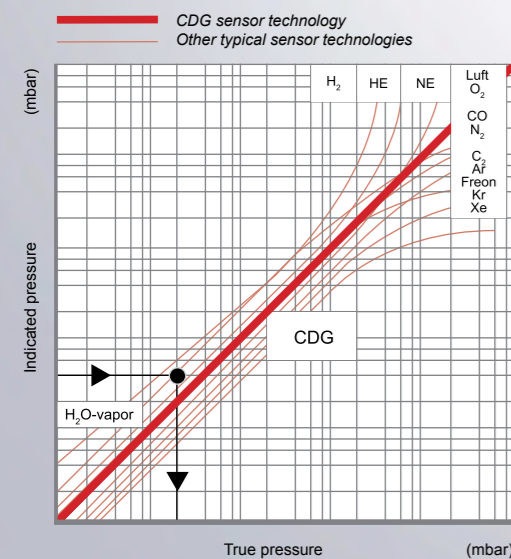


Span stability

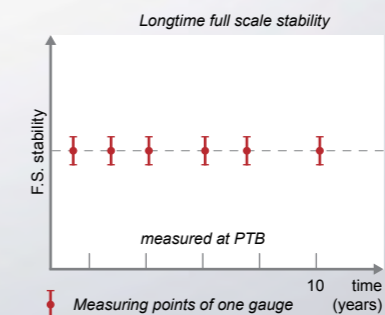
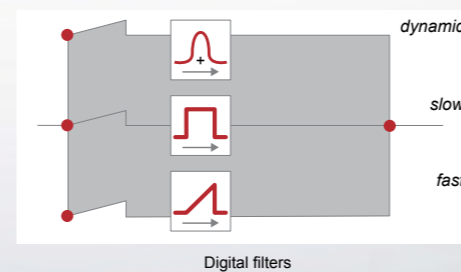
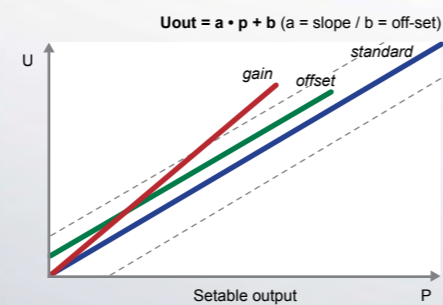
Any mounting orientation



Gas type independence



Digital signal processing



Ceramic sensor technology offers superior long-term stability.

Interface I/O

- Classic analog signal 0 ... 10V
- Wide range power supply
- Zero adjust, push button
- 2 individual setpoints
- Status LED

Fully ceramic sensor

Bonded ceramic structure combined with digital signal processing provides superior measurement performance.

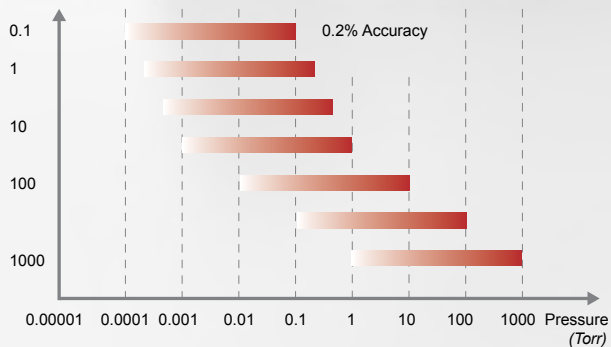


CDG025D TEMPERATURE COMPENSATED ADVANTAGES AT A GLANCE

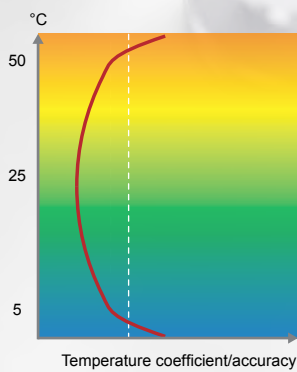
- Unprecedented Full Scale stability
- Environmental independence
- Adaptable sensor integration

Measurement ranges

Full Scale (Torr)



Temperature coefficient



In-situ architecture assures an excellent temperature stability of zero and span.

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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