

Visionary sensor technology



## Porter

CDG020D vacuum gauge

Big performance - small size  
Rely on our cost effective solution for  
precise measurement after easy installation

# Porter CDG020D vacuum gauge



The INFICON Porter CDG020D Capacitance Diaphragm Gauge is designed for stable long time performance in industrial environments. The ceramic sensor provides excellent span stability over many years paired with outstanding zero stability. An in-situ sensor architecture guarantees a short and long term temperature stability.

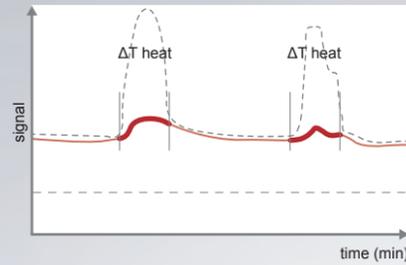
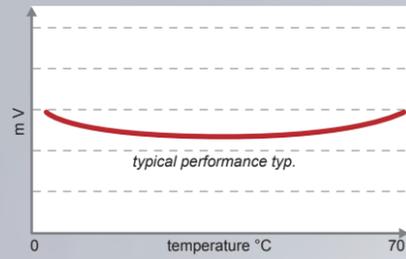
#### Typical applications

- Pressure monitoring
- Vacuum coating, food packaging
- Vacuum cleaning, sterilization
- Analytical
- Vacuum ovens, puller
- Chemical vacuum processes

Our Porter vacuum gauge comes with fully digital electronics and defines flexibility in integration in a humble, reliable, always available and never overpaid way.

For more detailed information and product documentation refer to [porter-inficon.com](http://porter-inficon.com) or follow us on [twitter.com/inficon\\_porter](https://twitter.com/inficon_porter)

### Temperature coefficient

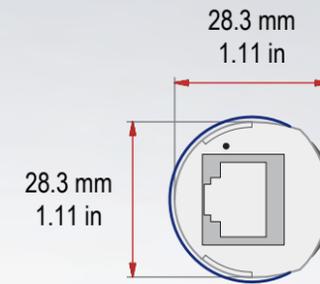


**In-situ architecture**  
Assures excellent temperature stability of zero and span.

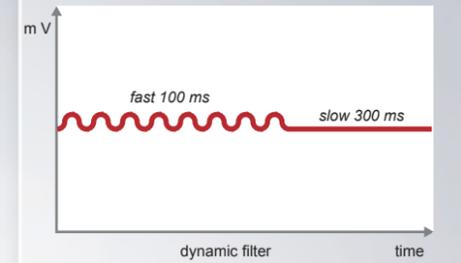
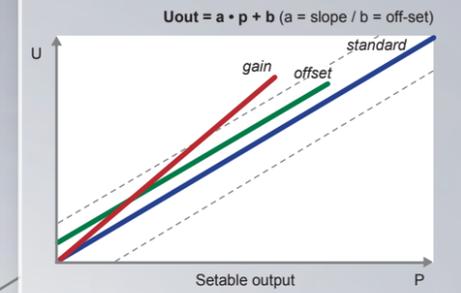
The cell is protected and shielded against direct heat transfer.

--- Standard metal sensor  
— INFICON ceramic sensor

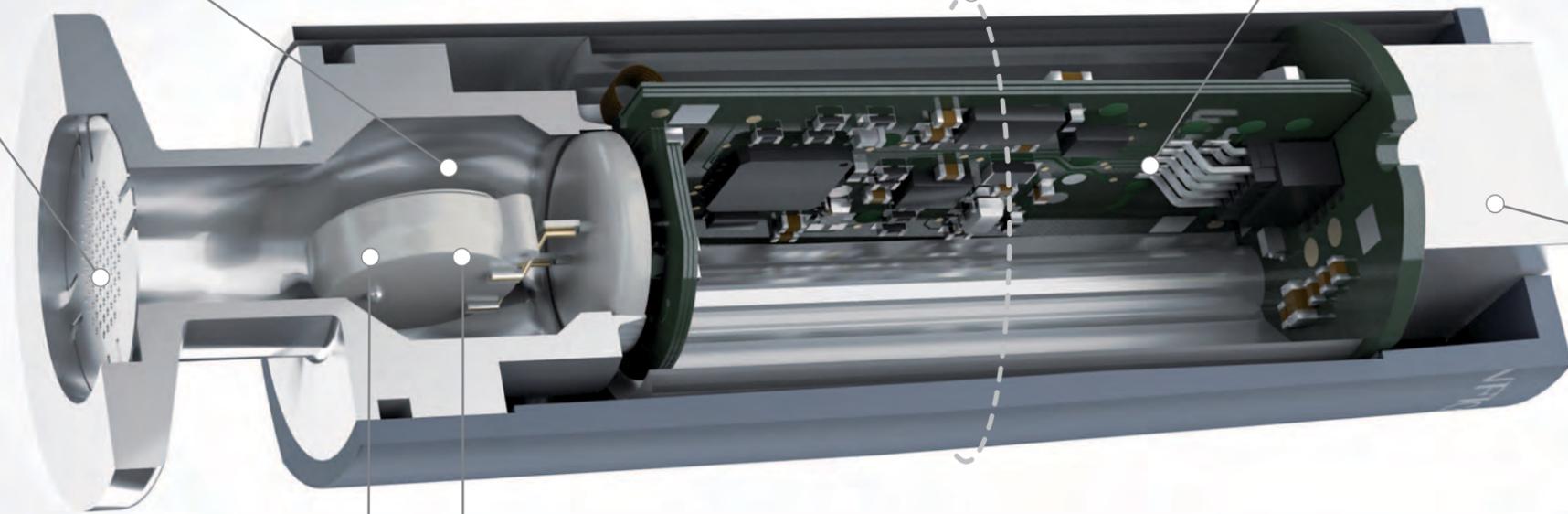
### Superslim size



### Digital signal processing



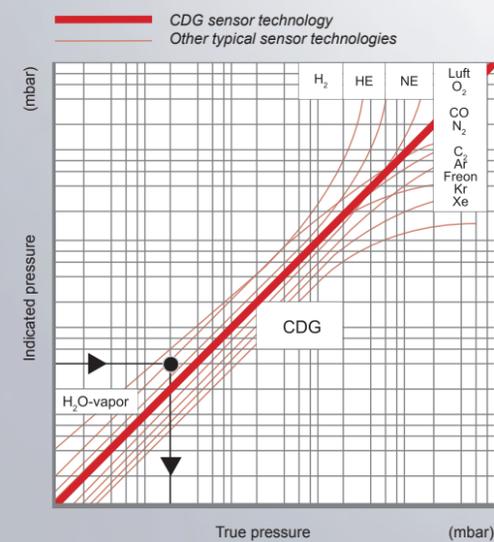
### Sensor protection



### Electrical connections

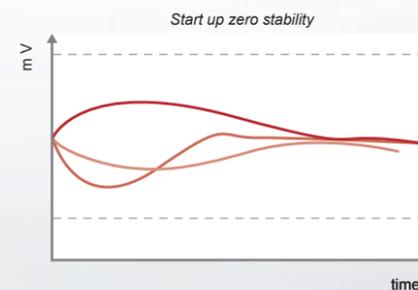


### Gas type independence

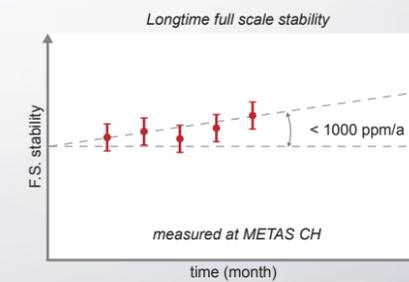


### Fully ceramic sensor

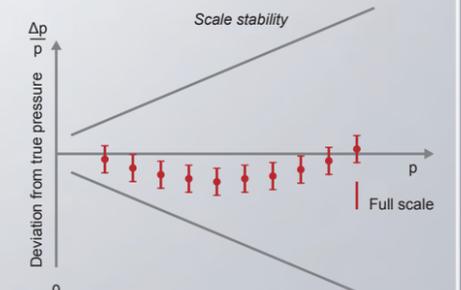
**Bonded ceramic structure** with an in-situ mounting provides superior pressure measurement performance. Shown is zero and span stability.



Porter gauges



Measuring points of one Porter gauge

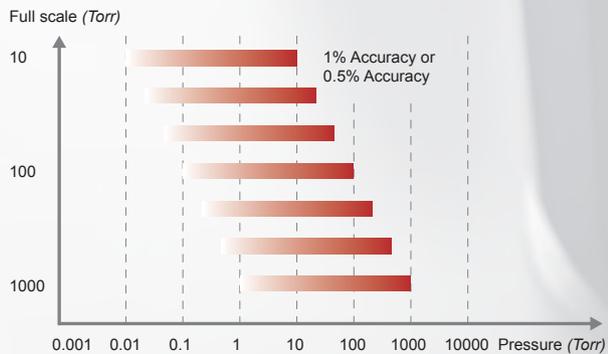


Measuring points of one Porter gauge

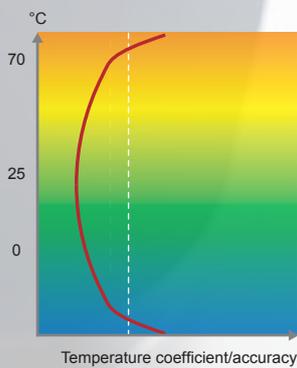
### PORTER ADVANTAGES AT A GLANCE

- More gauge for less
- Smallest in class
- Outstanding stability
- Chemical resistance
- Digital signal processing

### Measurement ranges



### 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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