



Stripe® CDG045Dhs & CDG100Dhs High Speed Vacuum Gauge

Smart & Hot Inside -
Fast & Cold Outside

 **INFICON**
Inspired by visions. Proven by success.

Smart & Hot Inside – Fast & Cold Outside

INFICON Stripe high-speed Capacitance Diaphragm Gauges are the fastest, highly accurate vacuum measurement instruments available.

With a less than 2 ms response time combined with the EtherCAT fieldbus interface it opens up a total new field of applications. The proven temperature controlled, corrosion resistant, ultra-pure ceramic sensor provides superior span stability over many years paired with state-of-the-art zero stability.

ADVANTAGES AT A GLANCE

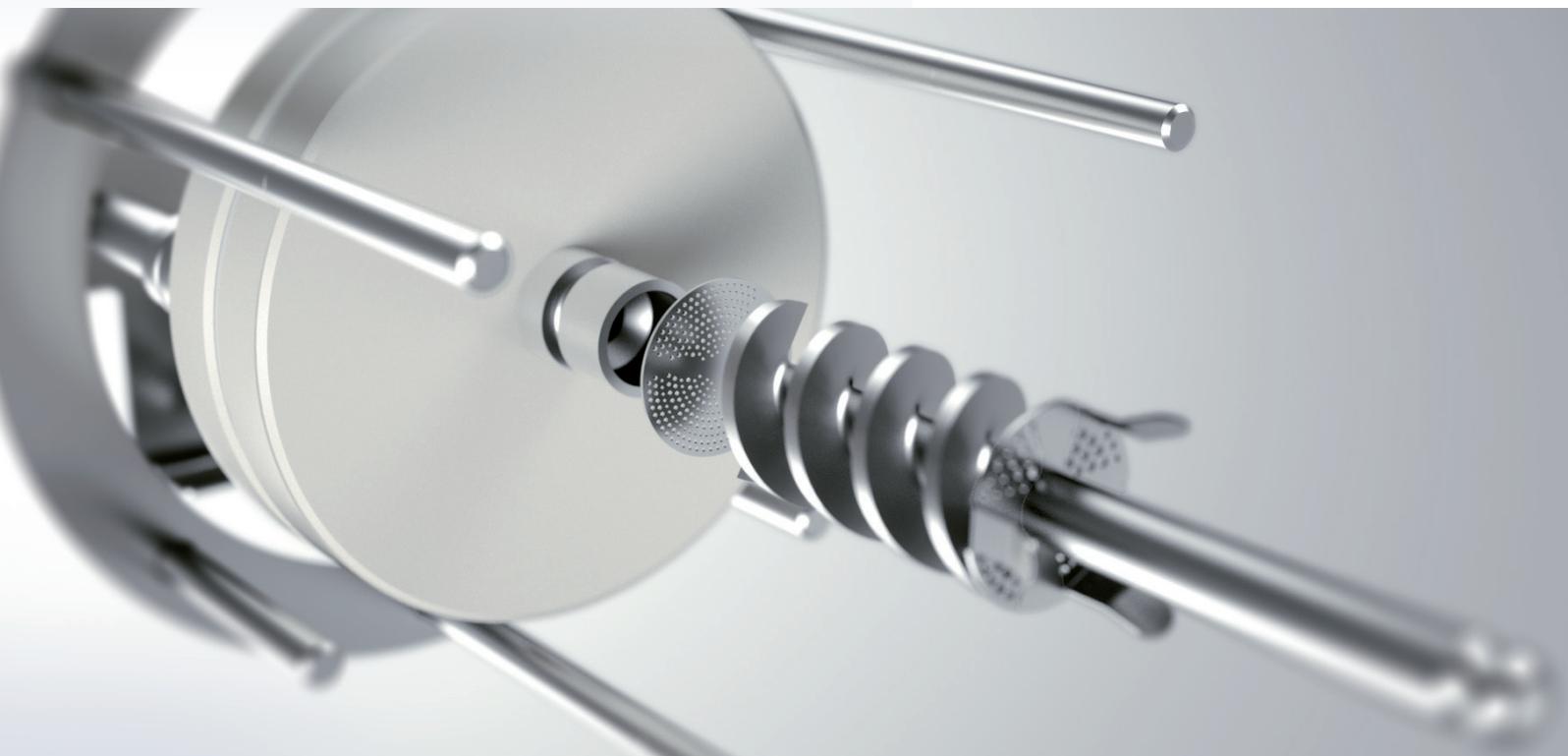
- Temperature up to 100°C
- High productivity – Faster than 2 ms response time
- Flexible integration – EtherCAT fieldbus
- Long lifetime – Proven ceramic sensor
- Forget recalibration – 90 ppm / year full scale stability

APPLICATIONS

- Atomic layer deposition
- PVD, CVD, ETCH
- High speed process control
- General high temperature vacuum applications

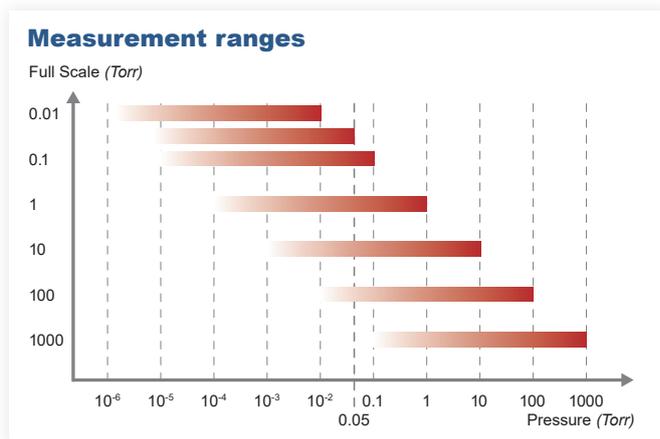
Stripe comes with the INFICON patented unique sensor shield which protects the gauge from undesired process by-products.

INFICON Stripe using an innovative heating concept, which provides a cool to the touch surface, and its unique speed capabilities, enabling an unprecedented productivity increase, making it the most advanced vacuum instrument of its kind.

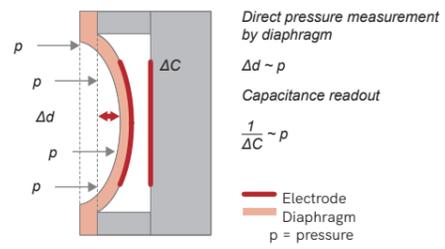




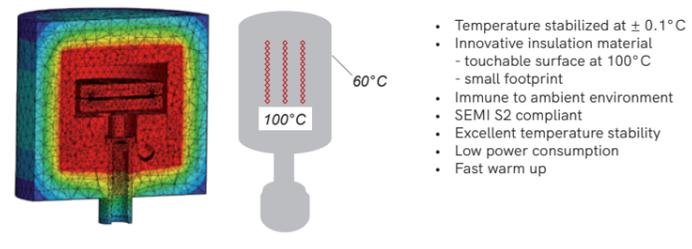
Stripe High Speed Vacuum Gauge



CDG working principle



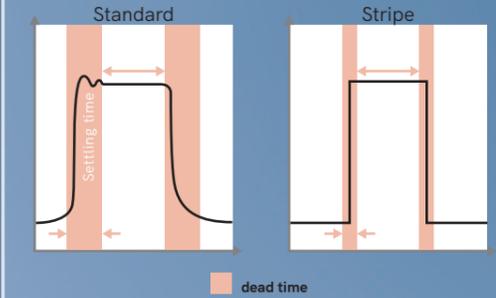
Advanced heating concept



Flexible integration fast readout

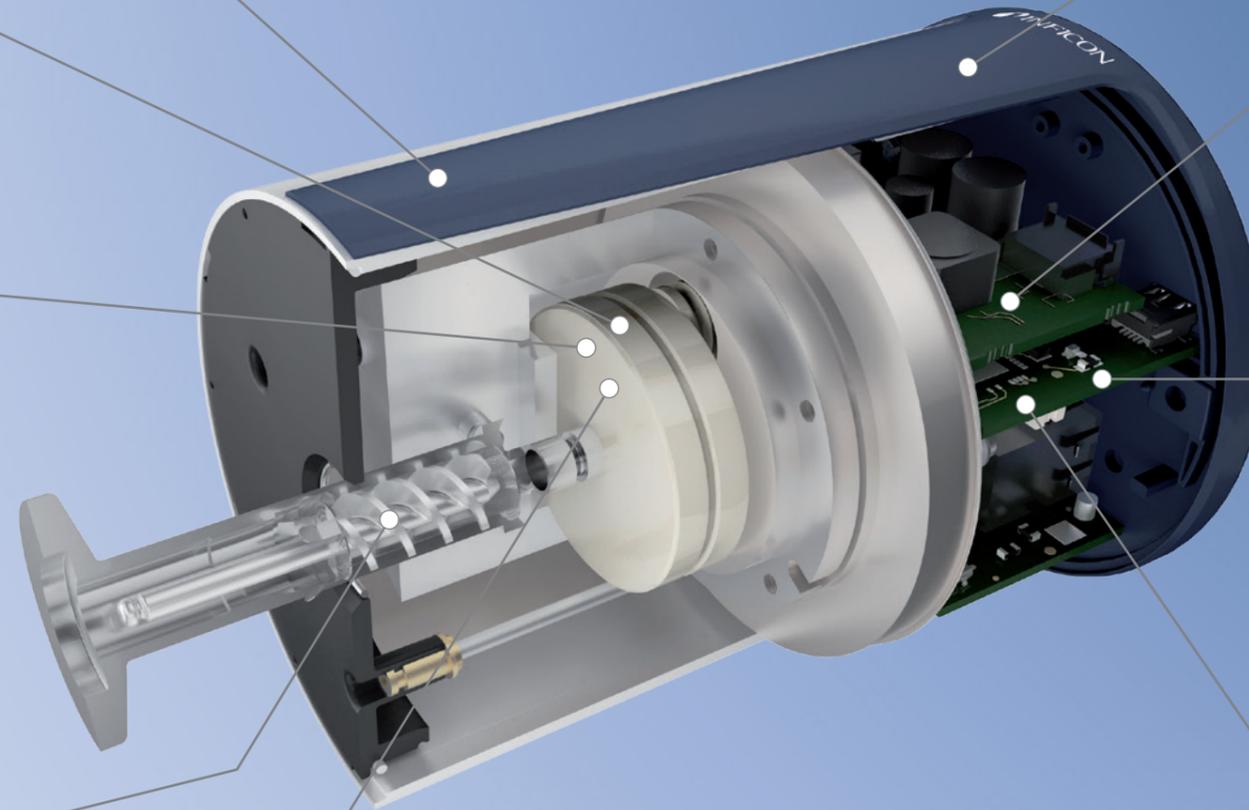


Higher productivity

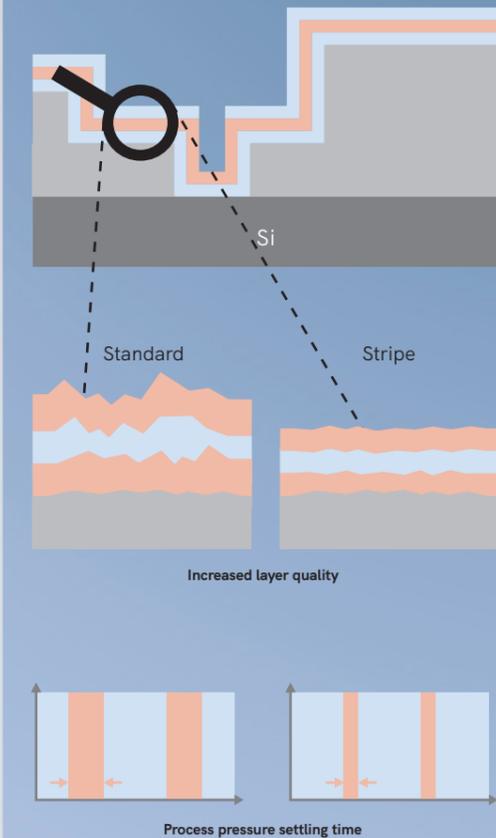


Fully ceramic sensor

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



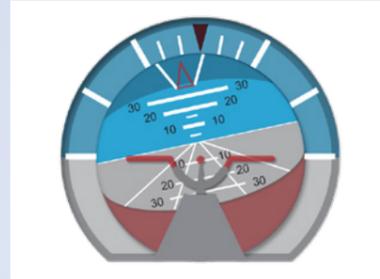
Enabling process innovation



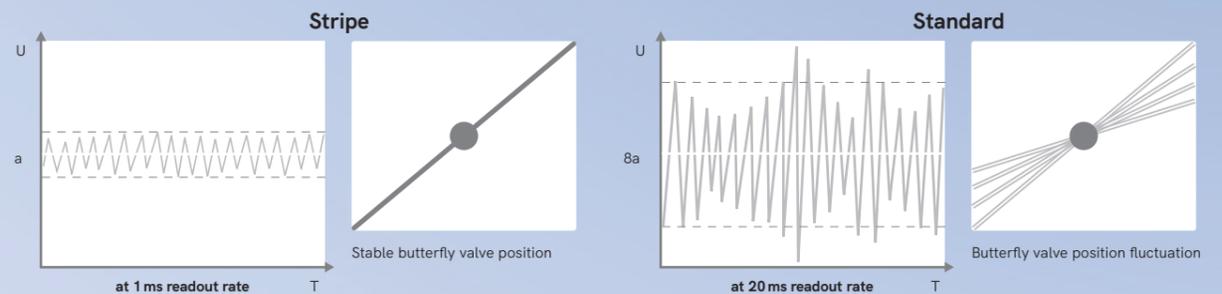
Gauge protection for increased lifetime

Level 1	Baffle Stops coating, particles
Level 2	Heater Prevents condensation/deposition
Level 3	Shield Protects diaphragm
Level 4	Protective coating Corrosion protection

Any mounting orientation



Low noise / Advanced Pressure Control



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.



Americas

United States

INFICON Inc.
East Syracuse, NY
Phone : +1 315 434 1100
E-mail : reach.us@inficon.com

Mexico

INFICON Mexico
Santiago de Querétaro, Qro.
Phone : +52 (442) 980 00 80
E-mail : reach.mexico@inficon.com

Europe, Middle East and Africa

INFICON GmbH
Cologne
Phone : +49 221 567 881 00
E-mail : reach.germany@inficon.com

Asia and Pacific

China

INFICON Ltd.
Beijing
Phone : +86 10 6590 0164
E-mail : reach.china@inficon.com

Japan

INFICON Co. Ltd.
Kawasaki-shi, Kanagawa-ken
Phone : +81 44 822 1111
E-mail : reach.japan@inficon.com

Korea

INFICON Ltd.
Gyeonggi-do
Phone : +82 31 783 2942
E-mail : reach.korea@inficon.com

Singapore, South Asia and Australia / New Zealand

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



www.inficon.com reachus@inficon.com