



Superior accuracy  
and reliability in compact designs



## The Pirani Family

From atmosphere to high vacuum  
with one family

# Family Overview

## INFICON PIRANI FAMILY ADVANTAGES AT A GLANCE

- Single Pirani or Pirani & Capacitance combination sensor
- Available with Tungsten, Nickel or fully ceramic coated sensor unit
- Gas-type independent above 10 mbar
- High accuracy and reproducibility at atmosphere
- Versatile of mounting orientation
- Low cost pressure read out display unit and gauge combination



**PSG550 FAMILY  
PCG550 FAMILY  
PIRANI OR PIRANI & CAPACITANCE  
COMBINATION GAUGE**

The massive variety of options and the unique combination of a Pirani and a capacitance sensor cell, qualifies as the most advanced vacuum instrument from atmosphere to high vacuum pressure measurement

- Single Pirani or Pirani Capacitance sensor option
- Fully ceramic coated version
- Replaceable plug and play replacement sensor unit



**PSG500 FAMILY  
PIRANI STANDARD GAUGE**

The PSG500 series holds up the same outstanding performance like his bigger brother PxG55x. The compact design makes this gauge the most economical unit in the family.

- All stainless steel measuring cell
- Streamlined design
- Replaceable sensor unit

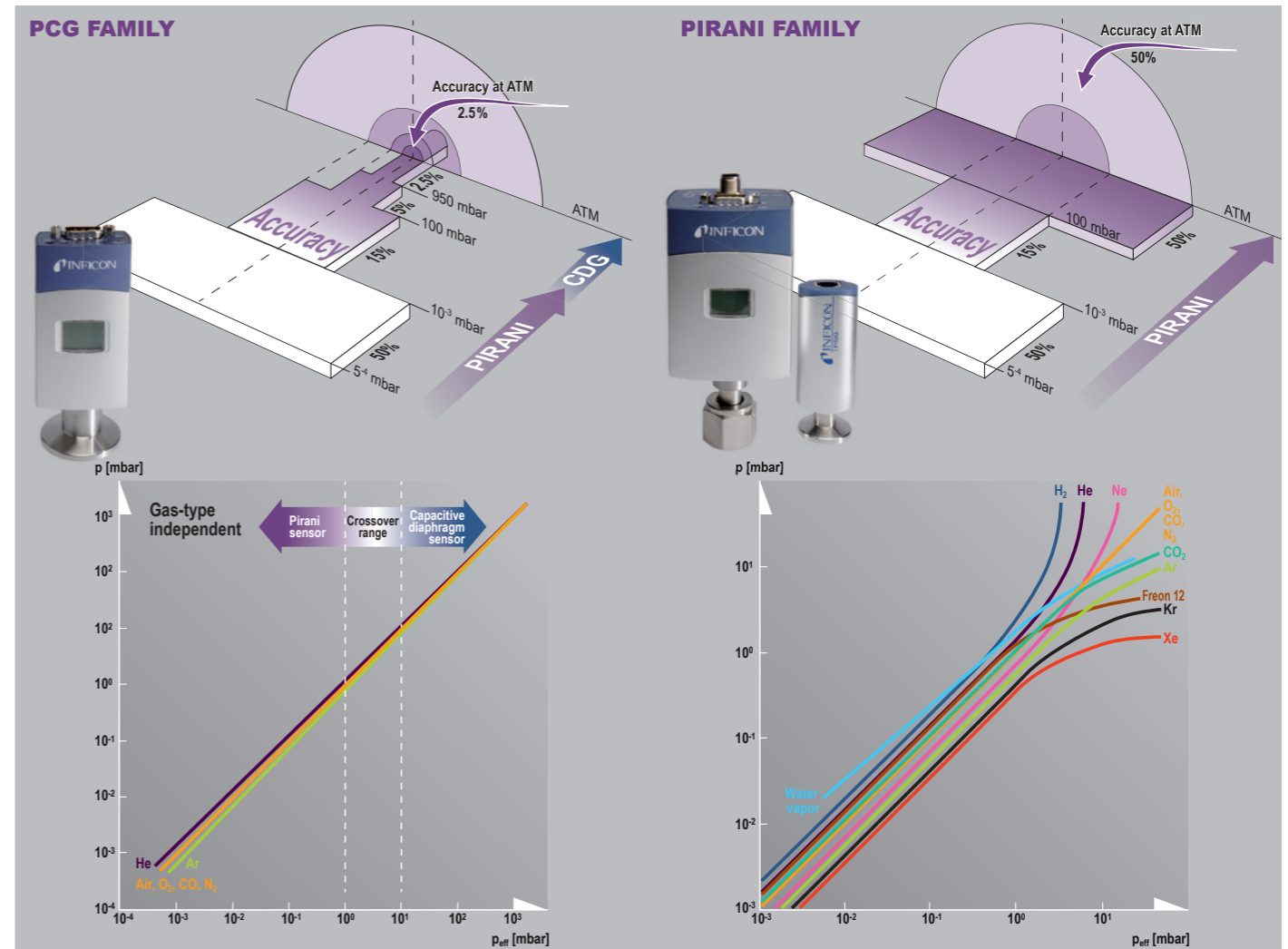


**PGD400 FAMILY  
PIRANI GAUGE DISPLAY**

The PGD400 display unit in combination with a PSG5xx gauge series is a very attractive, low cost of ownership solution to measure and visualize vacuum pressure from atmosphere to the high vacuum range.

- Selectable measurement unit
- One free adjustable set point
- Low cost rack / bench top device

In the measurement range, between 100mbar (75 Torr) and atmosphere where heat transfer devices (as Pirani and convection enhanced Pirani) lose sensitivity, and have a non linear gas-type-dependent behaviour the capacitance diaphragm technology supplies accurate, gas-type and flow independent measurement values up to 1500 mbar (1125 Torr).



## 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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