



AGILENT ACTIVE VACUUM GAUGES AND CONTROLLERS

Vacuum measurement products that help you optimize your vacuum systems.



Agilent Technologies

Building Blocks for Total Vacuum Measurement & Control

Agilent Technologies provides a comprehensive tool kit of vacuum measurement products that enable you to optimize your vacuum systems. From rough vacuum to UHV, our Active Gauges, Controllers and Pressure Transducers allow you to control and measure vacuum with the precision and the reliability that are critical to getting your job done.

As a leading manufacturer of vacuum pumps and systems, we ensure that our gauges integrate with these products to provide you with a total vacuum measurement and control solution.

Vacuum Measurement from Agilent Technologies – reliable, versatile, flexible, comprehensive.



Active Gauges

From rough vacuum (Pirani and Pirani/Capacitance) to combination gauges (FRG-700 and FRG-720) that span the entire vacuum range with an array of options including onboard displays, setpoint control and field bus networking capability.

See detailed descriptions at right.



FRG-720
Full Range



PCG-750 Pirani/
Capacitance



PVG-500
Micro Pirani



Controllers

From basic rough gauge control with our RGCs to multiple gauge management with our XGS-600, Agilent controllers provide the flexibility and intelligence to meet your ever-changing needs.



XGS-600 - the most versatile
controller available



RGC-100 and RGC-150 - robust, cost effective,
rough gauge controller

- Operates up to 12 gauges simultaneously
- Displays up to 8 gauges at once
- <20 msec signal-to-set-point response time
- Standard features include:
 - 8 open collector set points
 - 8 contact relays
 - Fully programmable RS232/485 serial communications
 - Pressure units: Torr, Mbar, Pa
 - Universal voltage compatibility
- Factory pre-calibrated with Agilent 531 thermocouple gauge using a NIST standard
- Two easily configured set points
- Runs on 100-230 VAC, 50/60 Hz and displays in Torr, mbar and kPa
- Large bright LED display
- Ethernet option for remote monitoring



AGC-100 Controller and AGD-100 Display for Active Gauges

- Automatic identification of Agilent Active Gauges for easy setup
- User selectable pressure units (mbar, Torr, Pascal) for global compatibility and convenience
- Adjustable setpoint control pinpoints pressure readings to perform critical operations

The Right Gauge for Your Application

