

Digital Pirani Vacuum Gauge – DPRG-1GH (Decimal display)



The UVS **Model DPRG series** Vacuum Pirani Gauge Controller displays vacuum pressure as measured from a S-PR-GH sensor tube. It displays vacuum measurements based on thermal conductivity of gases. The **Model DPRG-1GH** unit covers the range from 0.001 mbar to 20 mbar.

TECHNICAL SPECIFICATIONS

| MODULES | |
|-------------------------------------|---|
| Number of sensor channels | ONE |
| Display Range | 1000 mBar to 0.001mBar. |
| Measuring Range | 20 mBar to 0.001mBar. |
| Units of Display | m.Bar |
| Vacuum Gauge Head | S-PR-GH sensor tube |
| Temp. Range | +2 to +50 deg. Celsius |
| VAC. Display | 4-digit bright red LED, 14 mm high |
| VAC and ATM Adjust | adjusted by trim pot at the signal conditioner PCB. |
| Operating Voltage | universal power supply, input voltages from 90 ~ 264VAC 50/60 Hz |
| Mounting | 1/4 DIN 92 x 92 mm (3.62" x 3.62") |
| Environmental Considerations | not for use with explosive or corrosive gases |
| Overall dimensions | 92mm X 92mm X 110mm Depth |
| Optional outputs on request | RS485, 0 -10V Dc analog output |

Features at a Glance

- **Measurement range 0.001 to 20 mbar**
- **Space saving rugged design- 1/8 DIN console**
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- **Mounts in any orientation**
- **brass body measuring cell with metal-sealed feed through**
- **with universal power supply – input voltage from 90 ~ 264VAC, frequency 47 ~ 440Hz**

Applications

- Controlling high vacuum systems
- Fore vacuum pressure monitoring
- Safety circuits in vacuum systems
- General vacuum measurement & control in the fine and rough vacuum range.

Calibration:

Unique Vacuum Solutions offers a convenient recalibration service to help users of vacuum measurement pirani/ thermocouple/ full range gauges to maintain all of their vacuum gauges in Certified and peak condition, regardless of the original manufacturer. All makes of vacuum gauges can also be calibrated / repaired if required.

The calibration certificates are available only on request at additional cost. Pl contact before ordering.