



UNIQUE VACUUM  
SOLUTIONS

## Digital Pirani Vacuum Gauge DPRG-2GH



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-2GH unit covers the range from 0.001mbar to 20 mbar, and controls relay with independent set point.

### TECHNICAL SPECIFICATIONS

Number of sensor channels	TWO
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
Channel selection	Through selection switch provided on the front panel
Temp. Range	+2 to +50 deg. Celsius
VAC. Display	<b>Seven segment bright red LED, mantissa and exponential</b>
VAC and ATM Adjust	adjusted by trim pot at the signal conditioner PCB.
Operating Voltage	universal power supply, input voltages from <b>90 ~ 264VAC</b> 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 non linear analog output

### Features at a Glance

■ **Measurement range 0.001 to 20 mbar** ■ **Space saving rugged design- 1/8 DIN console** ■ **Space saving rugged design- 1/8 DIN console** ■ **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.

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