

Penning Gauge **GI-PA/GI-PARY**



GI-PA



GI-PARY

These are cold cathode type ionization vacuum gauges that measure pressure in the 10^{-3} -1 Pa range using the emission current generated by the emission phenomenon occurring in an even magnetic field.

Features

- Handling is very easy since the sensor heads do not have filaments.
- Contaminated sensor heads can be reused immediately after simple cleaning.
- Compatible sensor heads
- 2 set point output available in GI-PARY with a meter relay.

Applications

- Pressure measurement for sputtering equipment, vacuum evaporation equipment, plasma test equipment, and other equipment
- Pressure monitoring for usual high vacuum pumping systems
- For Interlocks in various high vacuum pumping equipment

Specifications

Item		Model	GI-PA	GI-PARY
Pressure measurement range	Pa		1.3 x 10 ⁻³ -1.3	
Measurement accuracy			Scale factor of 2 or less	
Sensor head cable			Standard: 4m	
Pressure indication			analog indication	
Recorder output			DC0-10 V	
Set points (contact point capacity)			None	2 points (AC100V/0.5A)
Applicable temperature range	°C		10-40	
Power			AC100 V±10 % 50/60 Hz	
			20 VA	21 VA
Controller weight	kg		4.3	4.5
External dimensions*	W x D x H	mm	240 x 253 x 99	
Accessories	Sensor head		WI-PA type x 1	
	Sensor head cable		4 m x 1	
	Operation manual		1	
	Relay output connector		None	DDK.24P X 1
Options			* Sensor head cables: 10, 15, 20, 25, 30, and 50 m	

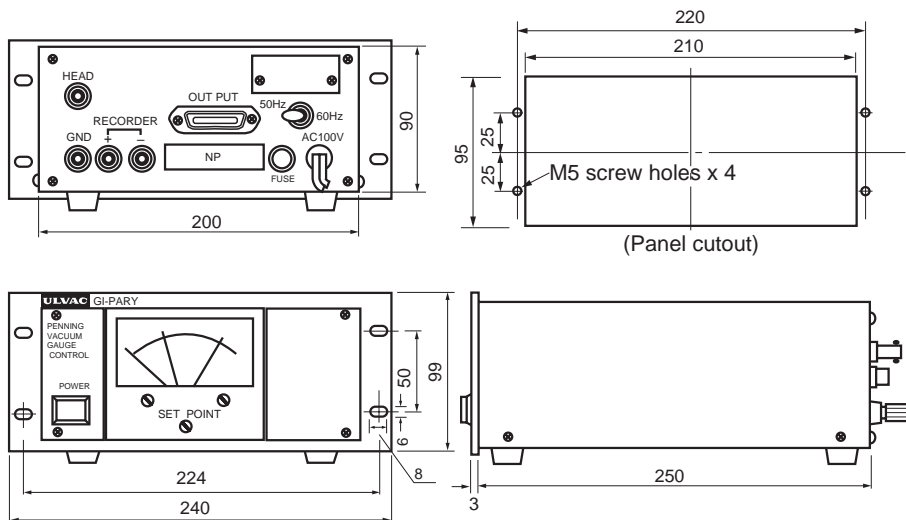
*External dimensions: W = Width, D = Depth, H = Height

(Reference: Pressure conversion 1 Pa = 7.5 x 10⁻³ Torr)

External Dimension Diagram

(unit: mm)

• Controller



• Sensor head

