

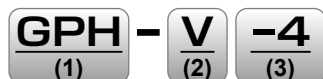
Handy Manometer

Portable Pressure gauge

Safety instructions for this product

Safety instructions, Common safety instructions for each product category and Detailed safety instructions for each product are in the end of this catalog and our website.

Model Designation (Example)



(1) Handy Manometer

(2) Pressure range

Code	V	S	B
Pressure range	-100 to 100kPa (Compound gauge pressure (Low range))	-100 to 1,000kPa (Compound gauge pressure)	0 to 100kPa abs (Absolute pressure)

(3) Port type and size

Code	-4	-6	No code
Tube O.D. (mm)	ø4 straight push-in fitting	ø6 straight push-in fitting	M5 x 0.8 female thread without push-in fitting

* When a different-sized fitting other than dia.4 or dia. 6 (Model code: PC4-M5 or PC6-M5) size is necessary, please select a fitting from our fitting series with M5 male thread.

Characteristics

Usability and convenience are pursued by palm top design.

Large display

3 & 1/2 digits LCD

Three types of pressure range are available.

Compound gauge pressure (GPH-S), compound gauge pressure low range (GPH-V) and absolute pressure (GPH-B) indication models are selectable depending on the application.

User-friendly with helpful functions.

Zero point adjustment, indication retention and auto-power-off functions.

* Absolute pressure type does not have zero point adjustment function.

Analog output function is also equipped.

Low power consumption design.

With commercially available dry-cell batteries (AAA battery x 2 pcs.), 1000 hours continuous use is possible.

* Batteries are not included.



Specifications

Type	GPH-V	GPH-S	GPH-B
Pressure range	Compound gauge pressure (Low range)	Compound gauge pressure	Absolute pressure
Rated pressure	-100 to 100kPa	-100 to 1,000kPa	0 to 100kPa abs
Max. pressure	200kPa	1,500kPa	200kPa abs
Indication	3 & 1/2 digits LCD		
Resolution	1digit		
Function	Zero point adjustment (*1), Indication retention, Offset (*1), Auto-power-off		
Indication accuracy (25°C)	±0.5%F.S. ±2digit		
Indication accuracy (25±25°C)	±1.0%F.S. ±2digit		±2.0%F.S. ±2digit
Admitted medium	Air, non-corrosive gas		Air, non-corrosive gas, and liquid(*4) (SUS316 should not be corroded)
Operating temperature	0 to 50°C (No freezing)		
Operating humidity	15 to 85%RH or less (No dew condensation)		
Driving power	3 VDC, 2 pcs of AAA dry cell (*2)		
Pressure port	M5×0.8 female thread		
Protective structure	IP40 (IEC standard) (*3)		
Size	55mm (W) × 16.9mm (D) × 110mm (H)		
Weight	Approx. 100 g		
Battery life	Approx. 1000 hours		
Analog output	Power supply	5 ± 0.5 VDC, max. 5 mA, External supply only (AAA batteries must be taken out.)	
	Output voltage	-1.000 to 1.000V	0.000 to 1.000V
	Output accuracy	±10mV (Within indication standard)	
Standard attachment	Instruction manual, Inspection report		Instruction manual, Inspection report, Protective cover

*1. GPH-B does not have zero point adjustment and offset functions.

*2. Batteries are not included. Please separately buy dry cell batteries (manganese or alkaline).

*3. When analog output function is used, protective structure is out of specification.

*4. Liquid cannot be used when dia.4 or dia.6 straight push-in fitting (code: 4 or 6) is selected in port type and size. Please select a fitting with M5 male thread from our fitting series which can be used with your fluid.

RoHS2 (2011/65/EU+EU2015/863) compliant

Type	Model code	Type	Model code
Gauge pressure type GPH	GPH-V-4	Absolute pressure type GPH	GPH-B-4
	GPH-S-4		GPH-B-6
	GPH-V-6		GPH-B
	GPH-S-6		
	GPH-V		
	GPH-S		



Packaging specifications
1 pc. /bag