

# Pressure Manometer

# پتروفرهان گستر جنوب

Tehran, Tehransar

There are following 11 selectable pressure units: bar, mbar, kPa, kgf/cm<sup>2</sup>, mmHg, cmH<sub>2</sub>O and adjustment, automatic turn-off, connecting with PC to read and export the data with

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| Function                         |       |       |       |       |       |       |
|----------------------------------|-------|-------|-------|-------|-------|-------|
| Models                           | GM505 | GM510 | GM511 | GM520 | GM521 | GM522 |
| USB interface                    | √     | √     | √     | √     | √     | √     |
| MAX/MIN/AVG                      | √     | √     | √     | √     | √     | √     |
| Difference/record mode           | √     | √     | √     | √     | √     | √     |
| Unit measure switch              | √     | √     | √     | √     | √     | √     |
| Measurable differential pressure | √     | x     | x     | x     | x     | x     |
| Keeping data                     | √     | √     | √     | √     | √     | √     |
| Backlight                        | √     | √     | √     | √     | √     | √     |
| Automatic shutdown               | √     | √     | √     | √     | √     | √     |
| Temperature compensation         | x     | x     | √     | √     | √     | √     |

| Specification                  |                |                  |                  |                  |                |                |
|--------------------------------|----------------|------------------|------------------|------------------|----------------|----------------|
| Models                         | GM505          | GM510            | GM511            | GM520            | GM521          | GM522          |
| Measuring range                | ±2.49kPa       | ±10kPa           | ±10kPa           | ±35kPa           | 35kPa          | ±100kPa        |
| Precision                      | ±0.3%FSO(25°C) | ±0.3% FSO (25°C) | ±0.3% FSO (25°C) | ±0.3% FSO (25°C) | ±0.3%FSO(25°C) | ±0.3%FSO(25°C) |
| Repeatability                  | x              | ±0.2%            | ±0.2%            | ±0.2%            | ±0.2%          | ±0.2%          |
| Linear/lag                     | x              | ±0.29%FSO        | ±0.29%FSO        | ±0.29%FSO        | ±0.29%FSO      | ±0.29%FSO      |
| Reaction time                  | 0.5S           | 0.5S             | 0.5S             | 0.5S             | 0.5S           | 0.5S           |
| Operating temperature          | 0~50°C         | 0~50°C           | 0~50°C           | 0~50°C           | 0~50°C         | 0~50°C         |
| Storage temperature            | -10~60°C       | -10~60°C         | -10~60°C         | -10~60°C         | -10~60°C       | -10~60°C       |
| Beyond positive pressure range | Err.1          | Err.1            | Err.1            | Err.1            | Err.1          | Err.1          |
| Beyond negative pressure range | Err.2          | Err.2            | Err.2            | Err.2            | Err.2          | Err.2          |

پتروفرهان گستر جنوب

FGJ-NDT.IR

DIGINDT.IR

+982165565901

+982144584619

+989034119385