



Pressure input

GM505



Pressure input

- GM510
- GM511
- GM520
- GM521
- GM522

Application



Respiratory pressure monitoring



Gas ratio control during combustion



Blood pressure monitoring



Blower pressure monitoring

There are following 11 selectable pressure units: bar, mbar, kPa, kgf/cm², mmHg, cmH₂O, Ozf/in², psi, inHg, inH₂O, ftH₂O. This unit features data save and adjustment, automatic turn-off, connecting with PC to read and export the data with a USB wire.

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

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	×	±0.2%	±0.2%	±0.2%	±0.2%	±0.2%
Linear/lag	×	±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



Transparent PVC hose



Translucent silica gel hose



USB wire



CD