GMH 5130
Product-ID: 600027
Pressure measurement device with 1 sensor connection, without sensor

GMH 5150
Product-ID: 600031
Pressure measurement device with 1 sensor connection, analog output and data logger, without sensor

GMH 5155
Product-ID: 600033
Pressure measurement device with 1 sensor connection, analog output and data logger, without sensors

General:
This handheld instrument is a valuable tool for demanding pressure measurements. Extremely robust plug connections, the silicone protection cover, backlight and a waterproof design allow its usage in harsh industrial and field environments.

Application:
- Industry and craft
- HVAC: heating, ventilation, air-conditioning
- Leakage test / pressure test
- Chimney draft measurement: under pressure
- Measurements of gas and oil fittings
- Automobile trade
- Hydraulic analysis (peak pressure)

Specifications:
GMH 5130
Sensor connections: 1
Suitable probes: GMSD / MSD sensors, available ranges from -1.999 ... 2.500 mbar (0.001 mbar) to 0 ... 1000 bar (1 bar)
Suitable pressure probes: 1
Sensor connections: 1
Suitable probes: GMSD / MSD sensors, available ranges from -1.999 ... 2.500 mbar (0.001 mbar) to 0 ... 1000 bar (1 bar)
Suitable pressure probes: 1

Display range max.: -19999 ... +19999 digit
Display unit: * depends on measuring range selection and sensor: mbar, bar, Pa, kPa, MPa, mmHg, inHg, PSI, mH2O
Measuring frequency: 4 measurements / s or 1000 measurements / s with peak value memory
Average filter: adjustable: 1 ... 120 s
Accuracy: ± 0.1 % FS ± 1 digit
Connections:
Sensor 1 x 7-pole bayonet connector
Output / external supply 4-pole bayonet connector for serial interface,* supply (with accessories: USB adapter USB 5100)
Display: 4 ½ digit 7-segment, illuminated (white)
Working temperature: -25 ... +50 °C, 0 ... 95 % RH (non-condensing)
Storage temperature: -25 ... +70 °C
Power supply: 2 x AAA-battery (included), battery life 500 h (without illumination, 4 measurements / s)
Housing: impact resistant ABS housing with pop-up clip
Protection class: IP65 / IP67
Dimensions: 160 x 86 x 37 mm (H x W x D) incl. silicone protection cover (red)
Weight: approx. 250 g incl. battery and protection cover
Scope of supply: Device, battery, manual

Additional functions:
- Display function
- Logger function (user/GMH 5150/55)
- Conversion to any unit with help of linear factor
- User-defined displayed unit: (user/GMH 5150/55)
- Peak detect (Peak value memory):
  - The min / max value memory stored unfiltered pressure peaks ≥1 ms

GMH 5150 / 5155
Sensor connections: 1
Suitable probes: GMSD / MSD sensors, available ranges (resolutions) from -1.999 ... 2.500 mbar (0.001 mbar) to 0 ... 1000 bar (1 bar)
Display range max.: -19999 ... +19999 digit
Display unit: * depends on measuring range selection and sensor: mbar, bar, Pa, kPa, MPa, mmHg, inHg, PSI, mH2O
Measuring frequency: 4 measurements / s or 1000 measurements / s with peak value memory
Average filter: adjustable: 1 ... 120 s
Accuracy: ± 0.1 % FS ± 1 digit
Connections:
Sensor 1 x 7-pole bayonet connector
GMH 5155 only: 2 x 7-pole bayonet connector
Output / external supply 4-pole bayonet connector for serial interface,* supply (with accessories: USB adapter USB 5100)
Display: 4 ½ digit 7-segment, illuminated (white)
Working temperature: -25 ... +50 °C, 0 ... 95 % RH (non-condensing)
Storage temperature: -25 ... +70 °C
Power supply: 2 x AAA-battery (included), battery life 500 h (without illumination, 4 measurements / s)
Housing: impact resistant ABS housing with pop-up clip
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Dimensions: 160 x 86 x 37 mm (H x W x D) incl. silicone protection cover (red)
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Scope of supply: Device, battery, manual

Additional functions:
- Additional Display for Battery: Bar graph display
- Adjustment: offset / slope adjustable in menu

* = Note to the pressure unit selection:
The choice of a specific pressure unit is possible, if its whole measuring range is displayable within the display of the device and the sensor is supporting these resolution.

Further information on www.greisinger.de