



METRAVI PM-05 Multifunction Manometer User Guide

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Setting Trends. Showing the Way.
PM-05 Multifunction Manometer
User Guide



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INTRODUCTION

The Metra PM-05 Manometer measures negative, positive, and differential pressure. Option for 11 measurement units: bar, ozin², psi, bar, mmHg, cmH₂O, ftH₂O, kgcm², and kPa.

The battery-powered instrument is equipped with a TPU sheath with a simple hose connection device.

Simple and easy to use, with a clear display, it is an ideal instrument for the HVAC and Automobile Repairing industries.

It is suitable for detecting waste gas pressure, engine intake manifold vacuum negative pressure, and ventilation duct system pressure, and also is ideal for line pressure stress tests during troubleshooting systems.

FEATURES

- ±30psi / 206.8 kPa Differential Pressure Sensor
- Built-in option for 11 different measurement units
- ZERO setting function
- TPU sheath for protection when used in harsh and rugged environments
- 32 Data Storage
- Auto Power-off (manual option available)

SPECIFICATIONS

Accuracy:	±1% FS
Linear Hysteresis Phenomenon:	±0.1% FS
Max. Pressure Limit:	206.8kPa(*)
Repeatability:	±0.25% FS
Reaction Time:	0.5 secs (25°C ±2°C)
Pressure Connection:	1/8th inch (3.18mm) quick connector
Operating Temperature:	0°C 40°C
Storage Temperature:	-10°C 60°C
Overload Alert:	HI display (*)
Power:	1 no 9V 6F22 Battery
Weight:	163 gms
Dimensions:	155 x 80 x 32 mm

***IMPORTANT NOTE!**

Excess or over-limit pressure will damage the meter

THE PRODUCT PACKAGE INCLUDES:



- Pressure Meter
- Hose
- Rubber Head
- Metal Quick Connector
- PP Carry Case
- User Manual

Pressure range table

Pressure unit	Range	Resolution
Kpa	±206.8	0.1Kpa
bar	±2.068	0.001 bar
ozin2	±480	0.1 ozin2
psi	±30	0.01 psi
inHg	±61.08	0.01 inHg
mbar	±2068	1 mbar
mmHg	±1551	1 mmHg
cmH2O	±2109	1 cmH2O
ftH2O	±69.20	0.01 ftH2O
inH2O	±830	0.1 inH2O
Kgcm2	±2.109	0.001 Kgcm2

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*Technical Specifications & Appearance are subject to change without prior notice

www.metravi.com

Documents / Resources

	<p>METRAVI PM-05 Multifunction Manometer [pdf] User Guide PM-05 Multifunction Manometer, PM-05, Multifunction Manometer, Manometer</p>
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References

- [M METRAVI - High-precision Test & Measuring Instruments](#)

[Manuals+](#).