



# PM SERIES

## Pressure meters

Using measurement technology developed from the 2000 Series the PM range offers good performance at an affordable price.

Specifically designed for engineers using twin tube connections, the PM range is ideal for soundness testing and setting up boiler differential gas pressures. Manufactured from tough ABS plastic, this water-resistant instrument is supplied with a rubber boot to provide added protection during routine use. It can be magnetically attached for ease of use, and the back lit LCD allows easy viewing of the display in poor light conditions.

The PM series is a suitable replacement for the conventional U-tube, having a fast response coupled with high accuracy and at low cost.

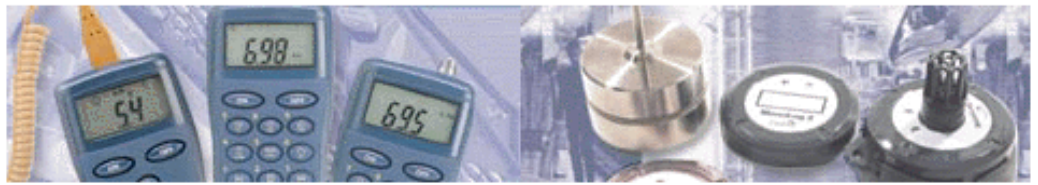
Instruments are available with alternative pressure measurement units as factory set options or as a selectable option on the PM-80 which also incorporates a smoothing function.



Specifically developed to meet the performance and cost demands of today's HVAC professional

- ❑ Differential Input – 8mm tube connectors
- ❑ Water Resistant (IP67 rated)
- ❑ Rugged case with protective rubber boot
- ❑ Magnetic attachment or tilt stand
- ❑ Push button “Zero” and “Hold” features
- ❑ Backlit Digital Display
- ❑ Auto Power Off after 12 minutes
- ❑ 0-130 mbar measurement
- ❑ 0.01 resolution up to 19.99 mbar, then auto switches to 0.1 resolution
- ❑ Measurement unit options (Selectable on the PM80)
- ❑ Smoothing Function (available on PM80)





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## Pressure Meters

### Instruments Specification

|                         |  |
|-------------------------|--|
| Operating Temperature   | -10°C to 50°C/+14°F to 122°F (Ambient)   |
| Battery Type            | 2 x AA or equivalent cells (included)  |
| Battery Life            | Typically 200 hours with low battery indicator in display  |
| Display                 | 12.7mm/0.5" custom LCD   |
| Overrange/Underrange    | 'Out' shows on display   |
| Environmental           | Water Resistant (IP67 with hoses connected)  |
| Auto Power Off time     | 12 minutes   |
| Dimensions              | 155 x 67 x 40mm / 6.1 x 2.6 x 1.6"   |
| Weight                  | 180g/6.4oz (without protective boot).  |
| Accuracy                | Over temperature range – 10°C to 50°C<br>0.2% of reading + 0.2 of full scale<br>+ 1 digit        |
| Resolution              | 0.01 resolution up to 19.99mbar then auto ranges to 0.1 up to 130mbar                            |
| Units of Measurement    | PM-20 – mbar   |
| Factory set Options are | PM-21 – Kpa<br>PM-22 – in/H2O<br>PM-23 – mm/H2O<br>PM-24 – in/Hg<br>PM-25 – mm/Hg<br>PM-26 – Psi |
| Selectable              | <b>PM-80</b>   |
| Colour                  | Yellow Casing/ Turquoise keypad  |

As part of our policy of continuous product improvement, we reserve the right to change specifications at any time



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TECHNICAL DATA