

## *PH 100 MANOMETERS*

The manometers incorporate design features and materials to make them attractive, durable and easy to use. The following types are available:



### *PH 100-010 MERCURY MANOMETER, U-Tube.*

This manometer employs clear acrylic tubes with top chambers for mercury over spill and vent valves. Pressure ports are at the top.

Range : 300, 450 or 950 mm.  
Application : High differential pressure for water or air

**Note:** Due to transport laws, ESSOM cannot supply the mercury. Buyer must source it locally.

**Net dimensions WxDxH** : 12x5x53 - 118 cm.

### *PH100-013 WATER MANOMETER, U-Tube.*

This manometer employs clear acrylic tubes with pressure ports at the top.

Range : 300, 450 or 950 mm.  
Application : Differential pressure for air

**Net dimensions WxDxH** : 12x5x42 - 107 cm.



### *PH 100-020 WATER MANOMETER, Multi Tube, Water Pressure.*

This manometer employs clear acrylic tubes with a top common chamber. This chamber has an air relief valve and can be pressurized by a hand air pump. Pressure ports are at the bottom.

Range : 300, 450 or 950 mm.  
Number of tubes : 8 or as required  
Application : Comparison of water pressures

**Net dimensions WxDxH** : 27x5x45 - 110 cm

### *PH 100-030 WATER MANOMETER, Inclined, Air Pressure*

This manometer employs two connected clear acrylic tubes to form U shape. The tube slope is adjustable. Pressure ports are at the tube top ends.

Scale : 450 mm.  
Number of tubes : 2 standards  
Standard slopes : 4 different slopes.  
Application : Low differential air pressure  
**Net dimension WxLxH** : 15x55x30 cm  
Optional PH 100-031 : Two inclined manometers on the same frame  
**Net dimensions WxLxH** : 20x55x30 cm  
Optional : Other length is available on request



### *MP 100-021 WATER MANOMETER, Multi Tube, Air Pressure.*

This manometer employs clear acrylic tubes with a common bottom chamber connected to an adjustable height reservoir. Pressure ports are at the top.

Range : 300 or 450 mm.  
Number of tubes : 14 or as required  
Application : Comparison of air pressures

**Net dimensions WxDxH** : 35x25x65 - 85 cm

### *MP 330-114 WATER MANOMETER, Inclined, Multi Tube, Air Pressure.*

This manometer employs clear acrylic tubes with a common bottom chamber connected to an adjustable height reservoir. The tube slope is adjustable. Pressure ports are at the top.

Scale : 450 mm.  
Number of tubes : 16 or as required  
Standard slopes : 4 different slopes.  
Application : Comparison of low air pressures

**Net dimensions WxDxH** : 52x32x65 cm

