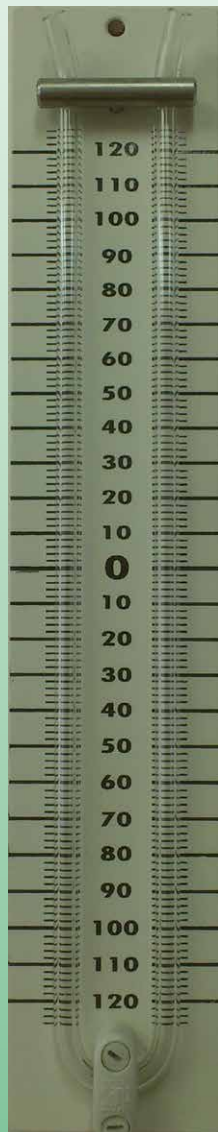


## U-Pipe Pressure Gauge



measuring  
•  
monitoring  
•  
analyzing

PUM



- Nominal Measuring Range:  
0...1500 Water Column in mm  
(0...60" of Water)
- Scale Graduation:  $\pm 2$  mm
- Read Accuracy:  
 $\pm 2$  Water Column in mm  
( $\pm 0.2$  mbar)
- Connection Dimension:  
 $\varnothing 7$  Hose Coupling
- Material:  
Glass Tube on Aluminum Plate



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KOBOLD Instruments, Inc.  
1801 Parkway View Drive  
Pittsburgh, PA 15205  
Main Office:  
1.800.998.1020  
1.412.788.4890  
info@koboldusa.com  
www.koboldusa.com



## U-Pipe Pressure Gauge Model PUM

### Description

The KOBOLD PUM is excellent for manometry in low pressure ranges. The construction of the device is the classical U-shaped glass tube, which is fixed on an aluminum retainer plate. The retainer plate bears a 2 mm graduated scale as well, which ensures the direct reading of the water column in mm when the tube is filled up with water. Connection to the device is through the 7 mm hose couplings at the two ends of the glass tube. The pressure difference at the two ends of the glass tube makes the liquid column in the tube move in either direction. The difference of the two ends of the liquid column can be read from the scale with 2 mm accuracy. The scale is formed in a way that it is not necessary for the liquid column to be at "0" when the device is in a no-pressure state. When reading, the distance between the top and bottom liquid levels is indicated by two figures, which are to be added to receive the value referring to the total pressure. The manometer is available in 6 standard lengths, but customized options are possible.

### Technical Data

**Nominal Measuring Range** 0...1500 Water Column in mm

**Water Column:** (0...60 inches)

**Scale Graduation:**  $\pm 2$  mm

**Read Accuracy:**  $\pm 2$  Water Column in mm  
( $\pm 0.2$  mbar)

**Connection Size:** 7mm Hose Coupling

#### Installation Dimensions:

**Height:** Nominal Measuring Range +70 mm

**Width:** 60 mm

**Depth:** 30 mm

#### Distance between the Measuring Tubes:

30 mm

**Weight:** Approx. 1.1 - 2.2 kg  
(Depending on Length)

#### Material

**Measuring Tube:** Borosilicate Glass

**Frame:** Aluminum Alloy

#### Order Details (Example: PUM-025)

Model	L
PUM-025	250 mm
PUM-050	500 mm
PUM-075	750 mm
PUM-100	1000 mm
PUM-125	1250 mm
PUM-150	1500 mm
PUM-010-E1	10 inches
PUM-020-E1	20 inches
PUM-030-E1	30 inches
PUM-040-E1	40 inches
PUM-050-E1	50 inches
PUM-060-E1	60 inches



#### Dimensions (mm)

