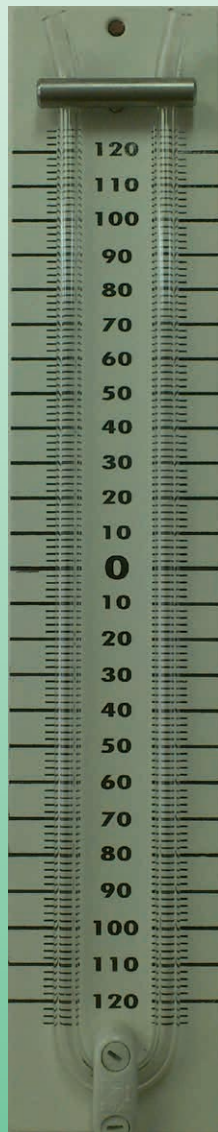


U-Pipe Pressure Gauge



measuring
•
monitoring
•
analyzing

PUM



- Nominal Measuring Range:
-250...250 mm W.C. to -1500...1500 mm W.C.
(-10...10" W.C. to -60...60" W.C.)
- Scale Graduation: ± 2 mm
- Read Accuracy:
 ± 2 mm W.C. (± 0.2 mbar)
- Connection Dimension:
 $\varnothing 7$ Hose Coupling
- Material:
Glass Tube on Aluminum Plate



KOBOLD companies worldwide:

ARGENTINA, AUSTRALIA, AUSTRIA, BELGIUM, BULGARIA, CANADA, CHILE, CHINA, COLOMBIA, CZECH REPUBLIC, EGYPT, FRANCE, GERMANY, HUNGARY, INDIA, INDONESIA, ITALY, MALAYSIA, MEXICO, NETHERLANDS, PERU, POLAND, REPUBLIC OF KOREA, ROMANIA, SINGAPORE, SPAIN, SWITZERLAND, TAIWAN, THAILAND, TUNISIA, TURKEY, UNITED KINGDOM, USA, VIETNAM

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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 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 -250...250 mm W.C. to
-1500...1500 mm W.C.
(-10...10" W.C. to -60...60" W.C.)

Scale Graduation: ± 2 mm

Read Accuracy: ± 2 mm W.C. (±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	Measuring Range
PUM-025	250 mm	-250...250 mm W.C.
PUM-050	500 mm	-500...500 mm W.C.
PUM-075	750 mm	-750...750 mm W.C.
PUM-100	1000 mm	-1000...1000 mm W.C.
PUM-125	1250 mm	-1250...1250 mm W.C.
PUM-150	1500 mm	-1500...1500 mm W.C.
PUM-010-E1	10 inches	-10...10" W.C.
PUM-020-E1	20 inches	-20...20" W.C.
PUM-030-E1	30 inches	-30...30" W.C.
PUM-040-E1	40 inches	-40...40" W.C.
PUM-050-E1	50 inches	-50...50" W.C.
PUM-060-E1	60 inches	-60...60" W.C.



Dimensions (mm)

