



Wall Mount

# Model 10AA25

## Clean-Out U-Type Manometer

The Meriam 10AA25 manometer is a versatile, economical instrument for the measurement of pressures, vacuums or differential pressures.

The U-tube type manometer is a primary basic standard of pressure measurement. Pressure measurements are accomplished by balancing a vertical head of indicating fluid with the pressure to be measured. As there are no cams, gears or levers to operate in the manometer, the readings obtained are always accurate.

## Model 10AA25 Construction

The manometer has a rigid cast aluminum body frame protecting the glass U-tube on three sides. Mounting holes are provided in the frame for mounting to a wall, column or other suitable structure.

The clean-out head at the top of the instrument seals the indicating tube legs and also provides for the external pressure connections to the manometer. The manometer head fastens to the body by a single nut and is quickly and easily removed when necessary. This exclusive Meriam clean-out head feature permits cleaning and filling of the U-tube without disconnecting the piping to the manometer head. A 1/4" female pipe connection is provided out the left and right sides of the clean-out head as standard. Pressure connections at rear or top of head can be furnished when specified. Manometer clean-out heads of cast iron, stainless steel or PVC are available for special corrosive applications.

The manometer scale is located between the tube legs and overlaps the tube legs to a degree that eases reading at the meniscus position.

The scale is readily adjustable for zero indicating fluid level.

The simple engineered method of supporting and sealing the U-tube in this manometer permits easy tube replacement in the field.

Mano. Range Inches	A Inches	B Inches	C Inches	D Inches
6	10 3/4"	2 15/16"	2 7/8"	—
10	15 5/8"	2 15/16"	7 1/2"	—
15	19 1/8"	4 15/16"	7 1/4"	—
20	24 3/8"	2 5/8"	17"	1 11/16"
30	35"	3 3/4"	21 3/8"	1 11/16"
50	55 7/16"	3 1/8"	43 3/16"	1 11/16"

Range inches	6	10	15	20	30	50
Weight lbs.	2	3	3	4	5	6

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### Specifications

#### Scales

- A – Linear Inches & Tenths (Included as Standard)
- F – Linear Centimeters & Millimeters
- G – Inches & Tenths H<sub>2</sub>O Using 827 Red Oil
- H – Inches & Tenths H<sub>2</sub>O Using 190 Blue Fluid
- I – Inches & Fifths H<sub>2</sub>O Using 295 Fluid (SS Head Only)
- KPA/W – Kilopascals Using Water
- MI – Cm H<sub>2</sub>O Using 295 Fluid (SS Head Only)

#### Specials

#### Accessories

- Return Well Model: Z934H50
- Bubbler Model: Z931R or Z931S
- Line Trap Model: Z932R or Z932S
- Valve & Piping Manifold: Z943AC300 – Steel  
Z943AS300 – SS
- Pressure vacuum Variator Model: Z971A3
- Table Mounting Stand Model: Z912A
- Slip On Cover Model: Z915C

### Ordering Information

To order Meriam's 10AA25 manometer custom-made to your specifications, please contact your Meriam sales representative with the following information:

- Head Material
- Range
- Required Scale

Specifications	
Type	U-type
Range	6, 10, 15, 20, 30, 50 inches
Pressure Rating	250 PSIG
Mounting	Wall
Indicating Tube & Packing	Glass, Neoprene
Body Construction	Aluminum
Wetted Parts Material	Cast Iron, 316 SS, PVC
Scale Finish	Satin aluminum, black graduations
Finish	Aluminum body, black crackle enamel head

