

PM- 4.5 & 6.0 Differential Pressure Meter Kit Designed for use with Manual Balancing Valves



KIT CONTENTS:

Gauge – 4.50" or 6.00" Dial Gauge
Piston Type Differential Pressure,
Accuracy +/- 2% Full Scale, 3000 PSI WP,
175 F Maximum Temperature, Stainless Steel
Case, Stainless Steel Wetted Parts, Buna-N Seals,
Glass Window, White Dial Face with Markings
0-160" DP with 10" Intermediate Marks or
0-300" DP with 20" Intermediate Marks.

Two Shut-off Ball Valves

Two 10' hoses with Shut-off Ball Valves
0-300" DP Range

Gauge Adapters-
Two 0.75" x 0.063" Stainless Steel Probe Type with Guards

Two Plastic Bleed/Vent Tubing Sets

One Bungee Cord

Carrying Case
Aluminum with Lock, Handle, Shoulder Strap
and Protective Foam Inserts

PM-4.5-160
4.50" Dial Gauge, 0-160" DP

PM-6.0-160
6.00" Dial Gauge, 0-160" DP

PM-4.5-300
4.50" Dial Gauge, 0-300" DP

PM-6.0-300
6.00" Dial Gauge, 0-300" DP

PM- 4.5 & 6.0 Differential Pressure Meter Kit

OPERATING INSTRUCTIONS

WARNING :

All operations should be done slowly and carefully. Take all necessary safety precautions, (i.e. safety glasses, gloves, etc.) while using this kit.

Differential Pressure Measurement:

Ensure All Valves Are Closed Prior To Start

- Slowly insert and secure Gauge Adapters into test plugs
- Slowly open Red (High Side) Hose Valves
- Slowly open Red (High Side) Bleed Valves
- Close Red (High Side) Bleed Valve after water flows
- Slowly open Blue (Low Side) Hose Valves
- Slowly open Blue (Low Side) Bleed Valves
- Close Blue (Low Side) Bleed Valve after water flows
- Read and Record Differential Pressure
- Slowly close all valves- High Side first
- Slowly remove Gauge Adapters from test plugs
- Ensure components are dry and free from water
- Return meter to case and store in temperatures above 50° F

IMPORTANT!!

- Check all fittings and tighten as necessary before operating.
- KEEP FROM FREEZING - MUST BE DRAINED IMMEDIATELY AFTER USE

To Drain: Disconnect Hoses
Open Valves on Meter Body
Drain Meter and Hoses
Tilt Meter left and right for complete draining