

## DHM- 4.5 Dual Hose Meter Kit

Designed for use with Automatic  
Flow Control Valves



### KIT CONTENTS:

Gauge - 4.50" Dial  
Stainless Steel Case,  
White Dial Face with Markings 0-160 PSIG,  
Shatter Proof Lens, Face Mounted Recalibrator,  
Phosphor Bronze Movement, Bronze Bourdon Tube,  
Accuracy +/- 1%, 0-160 PSI Range

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Three Shut-off Ball Valves

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Two 10' Hoses with Shut-off Ball Valves

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Gauge Adapters

Two 0.75" x 0.063" Stainless Steel Probe Type with Guards

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One Plastic Bleed Hose

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One Bungee Cord

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Carrying Case

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

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

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### 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.

#### Pressure Measurement:

##### Ensure All Valves Are Closed Prior To Start

- Slowly insert and secure gauge adapters into test plugs
- Open Red (High Side) Hose Valve
- Open Bleed Valve
- Close Bleed Valve after water flows
- Read and Record Pressure Measurements
- Open Blue (Low Side) Hose Valve
- Open Bleed Valve
- Close Bleed Valve after water flows
- Read and Record Pressure Measurements
- Subtract Pressure Measurements to obtain Differential Pressure Measurements
- Slowly close all valves- High Side first
- Slowly remove gauge Adapters from test plug
- 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