

# Mid-West<sup>®</sup> Instrument

*Ultimate Backflow Test Kits  
Over 30 Years of Input from  
Backflow Technicians*



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## Backflow Prevention Assembly Test Kit

### "MODEL 830"

The 830 is in the list of Acceptable gages from Both FCCC & HR-USC and CA-NV AWWA

#### Functions and Applications:

Backflow Test Kits provide the capability for testing all brands of **Reduced Pressure Principle, Pressure Vacuum Breaker, Spill Resistant Vacuum Breaker** and **Double Check Valve** backflow prevention assemblies.



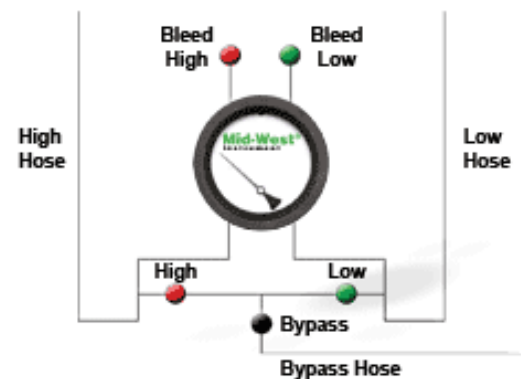
**ΔP RANGE: 0-15 PSID / 0-100 KPA**

#### Product Features/Benefits

- Industry Standard for over 30 years
- (5) Valve Test Kit
- Specially Designed for Testing Backflow Prevention Assemblies
- Soft-Seated Brass Needle Valves (with replaceable valve seats)
- Test kit is protected with 90 micron filters to minimize plugging with scale, sand, etc. Filter elements can be cleaned or replaced
- Durable Molded Carrying Case with Removable Lid
- Test Procedures are Laminated in Clear Plastic
- **5 Year Warranty**

#### Specifications

- Gauge Type: Diaphragm Differential Pressure
- Dial Size & Range: (4 ½") 0-15 PSID / 0-100 KPA
- Differential Pressure Accuracy: ± .2 P.S.I.D. (Descending)
- Working Pressure: 200 PSIG
- Body Material: Glass Reinforced Engineering Thermoplastic.
- Wetted Internals: EP Elastomers, Brass and 316 S.S. Metal Parts
- Line Pressure Gauge: 1 ½" 0-200 PSIG
- Tubing & Fittings: Brass & Nylon
- Hoses & End Fittings: Buna-N jacket and liner. Schrader ¼" brass coupler -
- Hose Length: Three (3) each / 5' long (color-coded).
- Bleed Tube, One each / 4' long clear bleed tube.
- Adaptor Fittings: (3) sets of brass fittings provided for hookup to all standard size test cocks.
- Weight, case & gauge combined: 14lbs/6.4 kilos
- Case: Polyethylene
- Size: 16"H x 14"W x 8¾" D
- Temperature Limitations: Maximum 150°F/65°C.  
**FREEZING TEMPERATURES MUST BE AVOIDED**



**Capable of performing all known test procedures including those recommended by ASSE, AWWA, CSA, FCCC and HR-USC and NEWWA.**