

# Mid-West<sup>®</sup> Instrument

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



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INSTRUMENTS • CONTROLS • VALVES

**ARCO**

Engineering, Inc.

SINCE 1994  
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## Backflow Prevention Assembly Test Kit

### "MODEL 845-2"



The 845-2 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**



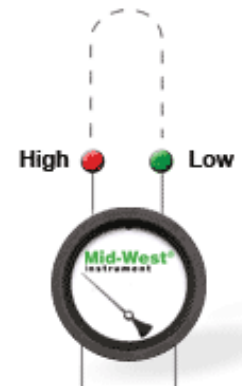
#### Product Features/Benefits

- Over 30 Years of Input from Backflow Technicians
- (2) 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
- Portable / Removable from Case
- Durable Molded Plastic Carrying Case
- Improved Case with Storage Compartments for Fittings & Tools.
- Test Procedures are Laminated in Clear Plastic
- **5 Year Warranty**

#### Specifications

- Gauge Type Diaphragm Differential Pressure
- Dial Size & Range (4 1/2") 0-15 PSID / 0-100 KPA
- Differential Pressure Accuracy  $\pm .2$  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 1/2" 0-200 PSIG
- Hoses & End Fittings: Buna-N jacket and liner. Schrader 1/4" brass coupler -
- Hose Length: Three (3) each / 5' long (color-coded).
- Adaptor Fittings: (3) sets of brass fittings provided for hookup to all standard size test cocks.
- Gauge Weight: 2.9lbs / 1.3kg
- Case: Durable Molded Plastic
- Size: 18 1/2" L x 9"W x 9 3/4" H
- 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.