

Mid-West[®] Instrument

Bulletin No. BFTK2007
(Supersedes Bulletin No. BFTK2005)

The Ultimate Backflow Test Kits



INSTRUMENTS • CONTROLS • VALVES

ARCO
Engineering, Inc.
SINCE 1954
www.arcoengineering.com

3317 Gilmore Industrial Blvd.
Louisville, KY 40213

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Fx: (502) 966-3135

Mid-West is proud to introduce: Our Upgraded line of Backflow Test Kits

MODEL
835

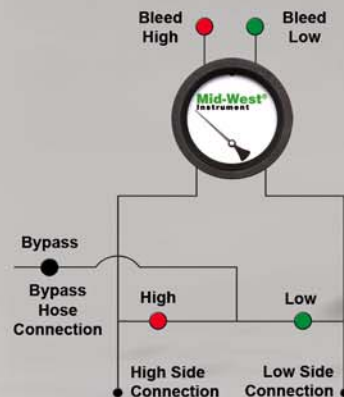
5
v
a
l
v
e



Gauge Weight: 3.6lbs / 1.6kg



"New"
Manifold Design



"NEW"

Model 835

5-Valve Backflow Prevention Test Kit



Quick Release
Latch Pin



Weight, Gauge & Case Combined:
11.6lbs / 5.2kg

Leave in the Case or Remove it with ease...
QUICK and EASY - One pull of the latch pin and it's out

Mid-West[®]
Instrument

Toll Free: 1-800-648-5778

6500 Dobry Dr., Sterling Heights, MI 48314

Fax: 586-254-6509

www.backflowtestkits.com

www.midwestinstrument.com

Helping To Protect The World's Drinking Water

MODEL 845-5

5
v
a
l
v
e



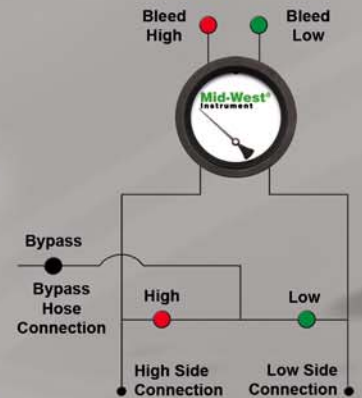
Gauge Weight: 3.6lbs / 1.6kg



New!
Manifold Design



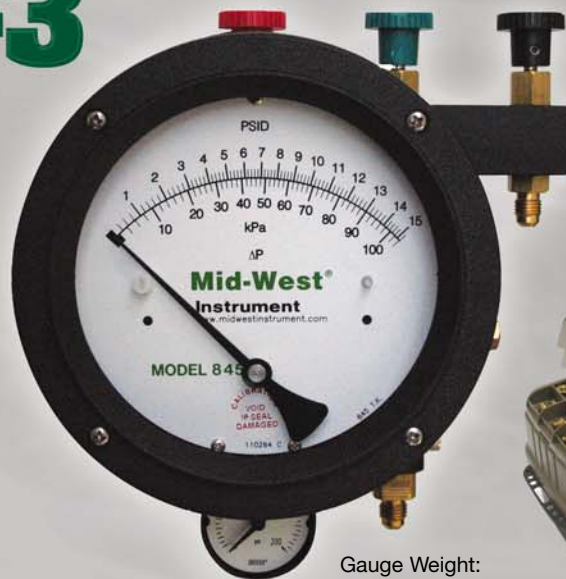
Carrying Case Included



- Portable/Removable from case
- Improved case with storage compartments for fittings and tools
- Room for additional accessories
- Over 30 years of input from Backflow Technicians

MODEL 845-3

3
v
a
l
v
e



Gauge Weight:
3.3lbs / 1.5kg



Carrying Case Included



All Test Kits Have:

- Soft Seated Needle Valves With Replaceable Seats • Durable Carrying Case
Laminated Test Procedures • Line Pressure Gauge • Adapter Fittings
In Line Hose Filters - Field Serviceable • Capable of performing all known test procedures
including those recommended by ASSE, AWWA, CSA, FCCC & HR-USC and NEWWA

MODEL 845-2

2
v
a
l
v
e

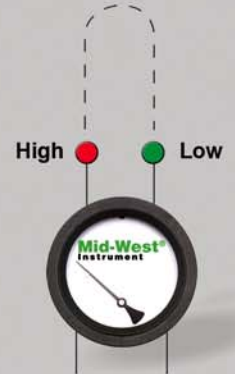


Gauge Weight:
2.9lbs / 1.3kg

- Portable/Removable from case
- Improved case with storage compartments for fittings and tools
- Room for additional accessories
- Over 30 years of Input from Backflow Technicians



Carrying Case Included



The industry standard for over 30 years

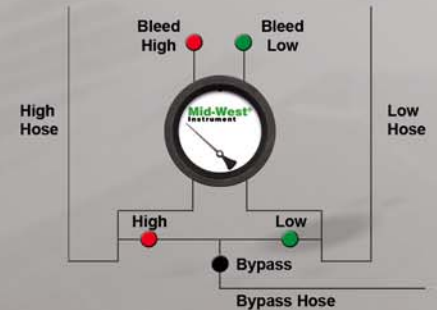
- Industry Standard for 3 Decades
- Durable Molded Carrying Case with Removable Lid
- High Quality Hinges & Buckles

MODEL 830

5
v
a
l
v
e



Kit Weight: 14lbs / 6.3kg



All Test Kits Have:

- Soft Seated Needle Valves With Replaceable Seats
- Durable Carrying Case
- Laminated Test Procedures
- Line Pressure Gauge
- Adapter Fittings
- In Line Hose Filters - Field Serviceable
- Capable of performing all known test procedures including those recommended by ASSE, AWWA, CSA, FCCC & HR-USC and NEWWA

Standard Specifications

Our Backflow Test Kits are on the list of Acceptable Gauges 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
- Tests can be performed with gauge mounted in the case or removed (*Model 835*)
- Quick Release Latch Pin Mechanism (*Model 835*)
- 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 Plastic Case with Storage Compartments for Fittings & Tools (*Models 845-5, 3, 2*)
- Durable Molded Polyethylene Carrying Case with Removable lid (*Models 830 & 835*)
- Test procedures are laminated in clear plastic
- 5 Year Warranty

Specifications

- Gauge Type: Diaphragm Differential Pressure
- Dial Size & Range: (4½") 0-15 PSID / 0-100 KPA
- Differential Pressure Accuracy: $\pm .2$ P.S.I.D. (Descending)
- Working Pressure: 200 PSIG
- Body Material: Glass Reinforced Engineered Thermoplastic
- Wetted Internals: EP Elastomers, Brass and 316 S.S. Metal Parts
- Line Pressure Gauge: 1½" 0-200 PSIG
- 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 (*Models 830, 835 & 845-5*)
- Adaptor Fittings: (3) sets of brass fittings provided for hookup to all standard size test cocks
- Temperature Limitations: **Maximum 150°F/65°C. FREEZING TEMPERATURES MUST BE AVOIDED**

Accessories

For a complete listing of all accessories visit: www.backflowtestkits.com



#830-0001
Bleed-off Valve Assembly
(for USC Test Procedures)



#110694
Professional Test Cock
Cleaning Tool



#110706 (9pc Set)
Quick Connect Test Cock
Adapter Kit
(90° Swivel Fittings)



#110705 (3pc Set)
Quick Connect Test Cock
Adapter Kit
(90° Swivel Fittings)



#830-0003
Vertical Tube Kit
(for USC Test Procedures)

**For an Updated list of Factory Authorized Service Centers,
Please Visit our Website at www.backflowtestkits.com**

A Test Kit for Every Preference

For over 30 years, Mid-West Instrument has been producing Quality Backflow Test Kits. Our Model 830 has been a benchmark of the industry for decades. Constant input from field testers led to refinements such as inline filters, laminated test procedures, removable lids, soft seated needle valves and line pressure gauges.

Continuing development led to the Model 845 which is available in 5-valve, 3-valve and 2-valve configurations delivered to our customers in a spacious durable carrying case with external fitting compartments.

The development has continued... We are proud to introduce our upgraded Model 845-5 with a new manifold. We have a newly redesigned Manifold with hoses coming off the bottom with valves positioned on the front. This new design allowed us to perfect the newest addition to our family of backflow test kits; Model 835...

Our New Model 835 blends the best of all Mid-West test kits, the newly designed 5-valve 845-5 mounted in our legendary Model 830 case. Tests can be performed with the gauge securely mounted in the case or it can be quickly and easily removed when portability is an issue. These features alone make our New Model 835 stand out from the crowd.

We have also redesigned our already popular backflow website, www.backflowtestkits.com for ease of use. You can learn about our backflow test kits, available accessories, order products, and locate one of our stocking distributors and service centers.

“The World Leader in Backflow Test Kits”

Regional Factory Authorized Calibration/Service Centers



Mid-West
Instrument's
5 Year
Product Warranty
is the best
in the industry



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