

SPECIFICATION SHEET TEST KIT



Backflow Prevention Assembly Test Kit Model TK845-5

Features

- Line pressure gauge to detect changes in system pressure during testing
- Color coded hoses and controls for ease of testing
- Hose filters prevent foreign debris problems
- Needle valves for easy removal of air
- Factory calibration certificate provided
- Suspension strap enables hands-free operation
- Lightweight carrying case with top-entry adaptor and fitting storage
- Step-by-step, color coded instructions for testing RP, DC and PVB assemblies are laminated to last longer



Operation

The Backflow Prevention Assembly Test Kit is designed to provide an easy and accurate test for backflow prevention assemblies. Test kit includes the gauge assembly, hoses, adapters, and laminated instructions in an impact resistant portable case. The kit is designed for either hand-held testing or use while suspended from a support strap. The test kit accurately tests the check valve differential pressure and relief valve opening point, indicating fouled check valves or similar problems that can not be detected by visual inspection of a backflow prevention assembly.

Typical Applications

The Backflow Prevention Assembly Test Kit is designed to perform test procedures on backflow prevention assemblies as required by local codes. This includes test procedures established by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California as published in the USC Cross Connection Control Manual, latest edition, and by ASSE professional qualification standard-Backflow Prevention Assemblies Series 5000.

Item	Material
Gauge Type	Diaphragm Differential Pressure
Gauge Dial Size & Range	4-1/2" 0-15 P.S.I.D. /100 kPa DP Gauge with a 1-1/2" Line Pressure Gauge
Differential Pressure Accuracy	+/- 0.2 P.S.I.D. (Descending)
Working Pressure	200 P.S.I.G.
Body Material	Glass Reinforced Engineering Thermoplastic
Wetted Internals	EP Elastomers, Brass and 316 S.S. Metal Parts (Nylon Tubing on 830)
Valves	Soft-Seated Needle with replaceable seats
Hoses & End Fittings	Nitrile jacket and liner, Schrader 1/4" brass coupler, inline field serviceable filters
Carrying Case	Durable Molded Plastic
Hose Length	Three each 5' long (color coded)
Bleed Tube	One each 4' long clear (845-5 and 830 only)
Filters	Test kit is protected with 90 micron filters to minimize plugging with scale, sand, etc. Elements can be cleaned or replaced.
Adapter Fittings	Three 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!