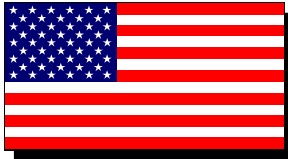


# Mid-West<sup>®</sup> Instrument

## MODEL 805

### PRECISION FLOW TEST KIT



**Made In  
USA**



#### Functions & Applications:

High accuracy portable test kit for precise flow indication and leak detection. This kit is equipped with a precise ( $\pm 1\%$  of full scale) accuracy differential pressure gauge. Popular applications include but are not limited to: measuring the pressure drop across various types of equipment i.e. filters, balancing HVAC systems, checking pump performance, orifice plates, checking calibration of transmitters, or reading flow directly when ordered with a square root dial etc.

When being used the gauge should be placed in as nearly vertical position as possible. This gauge is position sensitive and accuracy may be less than stated, if not in a vertical position.

#### Product Features/Benefits:

- Over 30 Years of Input from Professional Testing Technicians
- 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 Carrying Case with Removable lid
- Test Procedures are Laminated in Clear Plastic
- 5 Year Warranty

#### Specifications:

- Gauge Type: Bellows Differential Pressure
- Dial Size: 4-1/2" Standard (6" Optional)
- Range (4-1/2") 0-10" thru 0-79.9" H<sub>2</sub>O ranges available
- Accuracy:  $\pm 1\%$  Full Scale (Ascending) Std.  
(Accuracy:  $\pm 1/2\%$  Full Scale available)
- Working Pressure: 500 PSIG (Standard)
- Gauge Material: Aluminum Body & Copper Alloy Internals
- Wetted Internals: Buna-N Seals, Aluminum & Copper Alloy
- Hoses & End Fittings: Nitrile Jacket and liner. Schrader 1/4" brass coupler  
(Connects with 1/4" 37° Flare Male Fittings)
- Valves: Soft-Seated Brass
- Tubing & Fittings: Nylon & Brass
- Hose Length: 10' long (3 meter)
- Filters: 90 Micron Brass (Order Replacement Filter Kit No. 98008)
- Approximate Shipping Wgt: 15 lbs / 6.8 kg
- Case: Polyethylene
- Dimensional Data: 13.75" x 15.5" x 8.5"
- Temperature Limitations: Maximum 150°F/65°C  
**Freezing Temperatures must be avoided**

**Model 805 plumbed for water service only. Please contact the factory for assistance on kits for use with other liquids or gases.**