**Hand Held Pitot**

**HHPT**
- Heavy duty aluminum blade and stainless steel pitot tube
- Pitot blade has numbered increments for increased accuracy
- Conveniently located bleeder valve
- 3 1/4" (89 mm) liquid filled 0-160 psi (0-1100 kPa) gauge
- Heavy-duty carrying case

---

**Apparatus Flow Test Kits**

**AFTK-SK (Low Flow)**
- 3 1/4" (89 mm) liquid filled 0-160 psi (0-1100 kPa) gauge
- Large, heavy duty carrying case (FK-230), 18 1/8" W x 14 1/8" D x 8" H
- 2 1/8" NH (65 mm) female swivel - Standard
- Certified calibrated gauges
- Flow range: 25-700 gpm (95-2650 lpm)

**AFTK-LK (High Flow)**
- Standard with 1 1/8", 1 3/8", 2", 2 1/8", 2 1/4", 2 1/2", (38, 44, 50, 57 & 65 mm) tips
- 3 1/4" (89 mm) liquid filled 0-160 psi (0-1100 kPa) gauge
- Large, heavy duty carrying case (FK-230), 18 1/8" W x 14 1/8" D x 8" H
- 2 1/8" NH (65 mm) female swivel - Standard
- Certified calibrated gauges
- Flow range: 25-1900 gpm (95-7200 lpm)

---

**Hydrant Flow Test Kit**

**AHTK-25**
- Includes a 2 1/2" (65 mm) barrel with a pitot tube positioned in the waterway and water diffuser assembly
- 3 1/4" (89 mm) liquid filled 0-160 psi (0-1100 kPa) gauge
- Supplied with flow charts for accurate measuring
- Pitot tube is positioned for accurate readings
- 2 1/8" NH (65 mm) female swivel
- Ideal for flows between 608-1851 gpm @ 10-140 psi range
- Heavy duty, black case (FK-230) 18 1/8" (L) x 14 1/8" (W) x 8" (H) (466.7 mm (L) x 361.95 mm (W) x 203.2 mm (H))

---

**Large Diameter Kits**

**AHTK-45**
- Includes a 4 1/2" (110 mm) barrel with a pitot tube positioned in the waterway, and water diffuser assembly
- 3 1/4" (89 mm) liquid filled 0-160 psi (0-1100 kPa) gauge
- Supplied with flow charts for accurate measuring
- Pitot tube is positioned for accurate readings
- Heavy-duty extra large case available

<table>
<thead>
<tr>
<th>P/N</th>
<th>Size (mm)</th>
<th>Flows Low</th>
<th>Flows High</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHTK-45</td>
<td>4 1/2&quot; (110 mm)</td>
<td>879 gpm (3327 lpm)</td>
<td>6214 gpm (23523 lpm)</td>
</tr>
</tbody>
</table>
**Portable Flow Meter**

9301 Portable Flow Meter
- A technologically advanced flow and pressure meter with stainless steel paddle wheel
- Solid state electronics with no moving parts to adjust
- Includes a heavy-duty storage case, 12V internal battery, 110V AC battery charger, 12V DC auto power supply cord
- 2 1/2" (65 mm) female swivel
- Maximum flow 1250 gpm (4800 lpm) through 2 1/2" (65 mm) sensor body
- Width: 20 1/2" (520.7 mm), height: 17 1/2" (444.5 mm), depth: 8 1/2" (215.9 mm)
- Weight: 30 lbs (13.6 kg)
- See page 185 Technical Data section for more details regarding flow meter set up

**Hose Test Valve**

2285 Hose Tester Gate Valve
Meets NFPA 1962 requirements for testing hose with fire apparatus. Includes 1/4" hole in gate for maintaining test pressure at low volume.

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Size</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Number Of Turns</th>
</tr>
</thead>
<tbody>
<tr>
<td>2285</td>
<td>Pyrolite®</td>
<td>2 1/2&quot;</td>
<td>5 1/2&quot;</td>
<td>4 (1.8 kg)</td>
<td>2 1/2&quot; (65 mm)</td>
<td>2 1/2&quot; (65 mm)</td>
<td>21</td>
</tr>
</tbody>
</table>

**Apparatus Test Gauge Kit**

ATGK-3
- Same as ATGK-2 with a space for an extra gauge to be mounted

**Pressure/Vacuum Panel Adapter**

44 Pressure/Vacuum Panel Adapter
- Complete fitting for pump panel
- Simplifies attachment of gauges for pump tests
- Remove hex plugs and screw in gauges
- Length: 3 1/2" (89 mm), height: 1 1/2" (35 mm), weight: 8 oz.
**Cap Gauge**
- Certified calibrated gauges
- Designed for determining the static pressure of water in fire hydrants, fire hoses, and/or fire pumps
- 3 1/2” liquid filled 0-160 psi (0-1100 kpa) gauge, 2 psi (20 kPa) increments, ±1% accurate full scale
- Pyrolite construction

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCGK-25</td>
<td>2 1/2” (65 mm) NH Cap Gauge</td>
</tr>
</tbody>
</table>

**Line Gauges**

**HLGK Line Gauge**
- Designed to determine nozzle pressure and static pressure
- 3 1/2” (89 mm) freeze protected liquid filled 0-160 psi (0-1100 kpa)
- NH threads only

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLGK-15</td>
<td>1 1/2” (38 mm) Line Gauge</td>
</tr>
<tr>
<td>HLGK-25</td>
<td>2 1/2” (65 mm) Line Gauge</td>
</tr>
</tbody>
</table>

**35 Line Gauge**
- Ideal for use in high-rise packs
- Available in 2 1/2” and 3” sizes
- 1 1/2” diameter gauge (0-300 psi) with guard
- Grade B 3%-2%-3% accuracy
- Inlet: 2 1/2” (65 mm), weight: 2 lbs (.907 kg), length: 5” (127 mm)
- Inlet: 3” (75 mm), weight: 2 1/2 lbs (1.13 kg), length: 5 1/2” (139.7 mm)
- Certified calibrated gauges
- Pyrolite construction
Manual Calculator

9100 Fire Stream/Friction Loss Calculator
Shows nozzle pressure calculations on one side and friction loss on the other side.

FireCalc™ Pocket Calculator
The FireCalc Pocket Calculator is the training tool every firefighter needs. The Akron® FireCalc is the only calculator on the market to offer solutions for engine pressure, friction loss, application rate, flow rate, reaction force...etc. Don’t guess on important numbers - use the FireCalc!

9900 FireCalc Pocket Calculator
- English and metric capability
- Review feature
- Auto power off
- 5 \( \frac{1}{2} \)“ (139.7 mm) x 2 \( \frac{1}{8} \)“ (73 mm)