

Hose & Apparatus Test Equipment

The Hose Tester

HT-15-C

A fast, easy, safe way to test fire hose.

- Reduces the number of personnel required to test hose
- Reduces noise levels while testing
- Keeps apparatus in-service
- Prevents unnecessary wear and tear on engines, fire pumps, and transmissions resulting from static loads required by NFPA standards
- Low water flow virtually eliminates hazard of a wild, uncontrollable, ruptured hose line at test pressures
- Test any and all hose sizes with proper adapters
- 1 1/2" valves and piping
- 1 1/2" female swivel and four 2 1/2" male discharges. (3/4" garden hose thread inlet - optional)
- Pressure Washer System - optional



Bleeder Caps

- Allows for proper air & water release from hoses being tested.
- Does not tie up a nozzle for hose testing leaving the truck in service.
- Improves safety of hose testing.

Style	Description
BC-15	1 1/2" Bleeder Cap
BC-25	2 1/2" Bleeder Cap
BC-30	3" Bleeder Cap
BC-35	3 1/2" Bleeder Cap
BC-40	4" Bleeder Cap
BC-40S	4" Storz Bleeder Cap

Style	Description
BC-45	4 1/2" Bleeder Cap
BC-50	5" Bleeder Cap
BC-50S	5" Storz Bleeder Cap
BC-60	6" Bleeder Cap
BC-60S	6" Storz Bleeder Cap



BC-25

Gas Powered Hose Tester

GHT-15

The Gas Powered Hose Tester is designed for easy operation and long lasting service, this hose tester matches a 5.5 horsepower gasoline engine with a 1500 psi pump for optimum performance. With its narrow framework, it can be easily transported through doorway's, yet is stable enough to connect up to 4 each 5" Storz adapters directly to the manifold without tipping over the unit.

- Weight: 140 lbs.
- Size: 26" wide x 37" long x 24" tall
- Hydro 1500 psi, 3 gpm
Powerline Plus duplex oil bath plunger pump
- 1-1/2" NH inlet, 2-1/2" NH discharges (additional adapters available)
- 316 stainless steel manifold, pressure fittings and ball valves rated at 2000 psi
- Large 4" diameter 2000 psi Gauge
- Thermal relief valve
- Powder coated heavy duty steel frame with folding handles
- Solid rubber wheels
- Pressure washer wand & 50' hose assembly - Optional
- Tool & adapter storage basket - Optional
- Spanner wrench set & bracket - Optional



GHT-15
*Shown with optional
Basket (TLBX)

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.

Style	Material	Size	Length	Weight lbs. (kg)	Inlet	Outlet	Number Of Turns
2285	Pyrolite	2 1/2" (64 mm)	5 1/2" (140 mm)	4 (1.8 kg)	2 1/2" (64 mm)	2 1/2" (64 mm)	21

Style 2285
Hose Gate Valve



Apparatus Flow Test Kit

FK-25

- Apparatus flow test kits include your choice of four (4) out of the nine (9) tips offered. Tips range from $\frac{3}{4}$ " to $2\frac{1}{2}$ " in $\frac{1}{8}$ " increments
- Standard with $1\frac{1}{2}$ ", $1\frac{3}{4}$ ", 2", $2\frac{1}{4}$ " tips ($\frac{3}{4}$ ", 1", $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", $2\frac{1}{2}$ " tips optional) - Must specify
- $3\frac{1}{2}$ " liquid filled 0-160 psi gauge
- Large, heavy duty carrying case (FK-230), $18\frac{3}{8}$ " W x $14\frac{1}{4}$ " D x 8" H
- $2\frac{1}{2}$ " female swivel
- Certified calibrated gauges
- Large diameter flow test tips available



FK-25



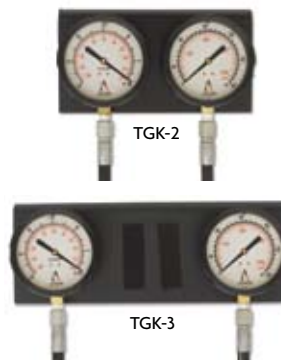
Apparatus Test Gauge Kit

TGK-2

- 36" test hoses, connect directly to underwriter's test fittings (Style 44)
- $\pm 1\%$ accurate, $3\frac{1}{2}$ " diameter, freeze protected liquid filled gauges
- 0-30", .5Hg increment vacuum and 0-300, 5 psi increment pressure gauges
- Heavy-duty carrying case
- Certified calibrated gauges

TGK-3

- Same as TGK-2 with a space for an extra gauge to be mounted (Requires RG-230 remote assembly)



TGK-2

TGK-3

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: $3\frac{1}{2}$ ", height: $1\frac{3}{8}$ ", weight: 8 oz.



Style 44

Line Gauges

- Designed to determine nozzle pressure and static pressure
- $3\frac{1}{2}$ " freeze protected liquid filled 0-160 psi (0-1100 kpa)

35

Line Gauge

- Ideal for use in high-rise packs
- Available in $2\frac{1}{2}$ " and 3" sizes
- $1\frac{1}{2}$ " diameter peanut gauge (0-300) with guard
- Grade B 3%-2%-3% accuracy
- $2\frac{1}{2}$ " weight: 2 lbs., length: 5"
- 3" weight: $2\frac{1}{2}$ lbs., length: $5\frac{1}{2}$ "
- Certified calibrated gauges
- Pyrolite® construction

Style	Description	
LG-15	$1\frac{1}{2}$ " (38 mm)	Line Gauge
LG-25	$2\frac{1}{2}$ " (65 mm)	Line Gauge
LG-30	3" (75 mm)	Line Gauge
LG-35	$3\frac{1}{2}$ " (89 mm)	Line Gauge
LG-40	4" (100 mm)	Line Gauge
LG-45	$4\frac{1}{2}$ " (114 mm)	Line Gauge
LG-50	5" (125 mm)	Line Gauge
LG-60	6" (150 mm)	Line Gauge



LG-25



Style 35

Cap Gauge

- Certified calibrated gauges
- Designed for determining the static pressure of water in fire hydrants, fire hoses, and/or fire pumps
- $3\frac{1}{2}$ " liquid filled 0-160 psi (0-1100 kpa) gauge, 2 p.s.i. (20 kpa) increments, $\pm 1\%$ accurate full scale
- Pyrolite® construction

Style	Description
CG-15	$1\frac{1}{2}$ " (38 mm) NH Cap Gauge
CG-25	$2\frac{1}{2}$ " (65 mm) NH Cap Gauge
CG-30	3" (75 mm) NH Cap Gauge
CG-35	$3\frac{1}{2}$ " (89 mm) NH Cap Gauge
CG-40	4" (100 mm) NH Cap Gauge
CG-40S	4" (100 mm) Storz Cap Gauge

Style	Description
CG-45	$4\frac{1}{2}$ " (114 mm) NH Cap Gauge
CG-50	5" (125 mm) NH Cap Gauge
CG-50S	5" (125 mm) Storz Cap Gauge
CG-60	6" (150 mm) NH Cap Gauge
CG-60S	6" (150 mm) Storz Cap Gauge



CG-25

Pressure Gauges

- Liquid Filled
- 3 1/2" face, 1/4" NPT bottom mount
- ± 1% full scale accuracy

Style	Pressure/Vacuum Range	"Marked Increments"	Gauge Type	Mounting Location
31	0-200psi	2 psi	Pressure	
32	0-300psi	5 psi	Pressure	
FK-350	0-60psi	1 psi	Pressure	
FK-351	0-100psi	2 psi	Pressure	
FK-352	0-160psi	5 psi	Pressure	
FK-360	0-200psi	2 psi	Pressure	
FK-353	0-300psi	2 psi	Pressure	
FK-354	0-400psi	5 psi	Pressure	
FK-355	0-600psi	10 psi	Pressure	
FK-702	0-30mmhg (0-100KPA)	0.5 in Hg	Vacuum	2 back studs 1/4" NPT
FK-703	0-160	5 psi	Pressure	2 back studs 1/4" NPT
FK-704	0-300	2 psi	Pressure	2 back studs 1/4" NPT
FK-707	0-400	5 psi	Pressure	2 back studs 1/4" NPT
FK-708	0-600	10 psi	Pressure	2 back studs 1/4" NPT



Style 31

Tachometers

HAND HELD RPM - TACHOMETER

- Includes a cone and a flat tip
- Measures RPM in either direction
- Operating range is 0 to 4000 RPM, 50 RPM increments, ± 3% accurate full scale accuracy



HT-4000

Digital Tachometer

HT-7000

HT-7000 – is a digital, battery-powered portable non-contact optical tachometer (red LED), which operates up to 36 inches from a reflective tape target using an LED light source. The ergonomic design allows safe, direct line-of-sight viewing of both the rotating target and the display at the same time, while providing a no-slip rubber surface for single hand operation.

- Optical 5 - 99,999 RPM
- Contact 5 - 20,000 RPM
- Accuracy ± 1 RPM
- Resolution 1 RPM



HT-7000

Hand Held Pitot

HH-PITOT

- Heavy duty aluminum blade and stainless steel pitot tube
- Pitot blade has numbered increments for increased accuracy
- Conveniently located bleeder valve
- 3 1/2" liquid filled 0-160 psi (0-1100 kpa) gauge
- Heavy-duty carrying case



HH-Pitot

Hydrant Flow Test Kit

HK-25

- Includes a 2 1/2" barrel with a pitot tube positioned in the waterway and water diffuser assembly
- 3 1/2" liquid filled 0-160 psi (0-1100 kpa) gauge • Supplied with flow charts for accurate measuring
- Pitot tube is positioned for accurate readings
- 2 1/2" female swivel
- Ideal for flows between 608-1851 gpm @ 10-140 psi range

HK-26

- Same as HK-25 with large, heavy duty, black case (FK-230) 18 3/8" (L) x 14 1/4" (W) x 8" (H)



HK-26



Large Diameter Kits

HK-45

- Includes a 4 1/2" barrel with a pitot tube positioned in the a waterway, and water diffuser assembly
- 3 1/2" 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

P/N	Size	Flows	
		Low	High
HK-30	3" (76 mm)	391 GPM (1480 LPM)	2762 GPM (10455 LPM)
HK-35	3.5" (89 mm)	532 GPM (2014 LPM)	3759 GPM (14229 LPM)
HK-40	4" (102 mm)	694 GPM (3627 LPM)	4910 GPM (18586 LPM)
HK-45	4.5" (114 mm)	879 GPM (3327 LPM)	6214 GPM (23523 LPM)



Street "T" Diffuser

The Street "T" Diffuser puts hydrant flushing water where you want it, in the curb side drain or down the gutter.

ST-25

- 2 1/2" female swivel x 4" pipe
- Length: 21 1/2", Width: 24", Weight: 7 lbs.

ST-45

- 4 1/2" female swivel x 6" pipe
- Length: 12 3/4", Width: 30 1/2", Weight: 14 lbs.



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" female swivel
- Maximum flow 1250 gpm through 2 1/2" sensor body
- Width: 20 1/2", height: 17 1/2", depth: 8 1/2"
- Weight: 30 lbs.

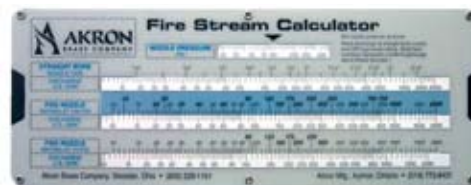


Style 9301

Calculator

9100 Fire Stream/Friction Loss Calculator

Shows nozzle pressure calculations on one side and friction loss on the other side.



Style 9100

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 1/2" x 2 7/8"



Style 9900