



Hose & Apparatus Test Equipment

AKRON BRASS COMPANY | PH. 800.228.1161 (330.264.5678) | FAX 800.531.7335 (330.264.2944) | www.akronbrass.com

The Hose Tester

ABHT-E

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
- Test any and all hose sizes with proper adapters
- 1 1/2" (38 mm) valves and piping
- 1 1/2" (38 mm) female swivel and four 2 1/2" (65 mm) male discharges. (3/4" (19 mm) garden hose thread inlet - optional)
- Pressure Washer System - optional



ABHT-E

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
BLCP-15	1 1/2" (38 mm) Bleeder Cap
BLCP-25	2 1/2" (65 mm) Bleeder Cap
BLCP-30	3" (75 mm) Bleeder Cap
BLCP-35	3 1/2" (89 mm) Bleeder Cap
BLCP-40	4" (100 mm) Bleeder Cap
BLCP-40S	4" (100 mm) Storz Bleeder Cap

Style	Description
BLCP-45	4 1/2" (115 mm) Bleeder Cap
BLCP-50	5" (127 mm) Bleeder Cap
BLCP-50S	5" (127 mm) Storz Bleeder Cap
BLCP-60	6" (150 mm) Bleeder Cap
BLCP-60S	6" (150 mm) Storz Bleeder Cap



BLCP-25

Gas Powered Hose Tester

ABHT-G

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 (100 bar) 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" (127 mm) Storz adapters directly to the manifold without tipping over the unit.

- Weight: 140 lbs. (63.5 kg)
- Size: 26" wide x 37" long x 24" tall (660.4 x 940 x 610)
- Hydro 1500 psi (100 bar), 3 gpm (11 lpm) Powerline Plus duplex oil bath plunger pump
- 1-1/2" (38 mm) NH inlet, 2-1/2" (65 mm) NH discharges (additional adapters available)
- 316 stainless steel manifold, pressure fittings and ball valves rated at 2000 psi (135 bar)
- Large 4" (100 mm) diameter 2000 psi (135 bar) gauge
- Thermal relief valve
- Powder coated heavy duty steel frame with folding handles
- Solid rubber wheels
- Pressure washer wand & 50' (15.2 m) hose assembly - Optional
- Tool & adapter storage basket - Optional
- Spanner wrench set & bracket - Optional (Must have tool box)



ABHT-G
*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

AFTK

- Apparatus flow test kits include your choice of four (4) out of the nine (9) tips offered. Tips range from 3/4" to 2 1/2" in 1/8" increments
- Standard with 1 1/2", 1 3/4", 2", 2 1/4" tips (3/4", 1", 1 1/8", 1 1/4", 2 1/2" tips optional) - Must specify
- 3 1/2" liquid filled 0-160 psi (0-1100 kpa) gauge
- Large, heavy duty carrying case (FK-230), 18 3/8" W x 14 1/4" D x 8" H
- 2 1/2" female swivel
- Certified calibrated gauges
- Large diameter flow test tips available
- Flow range: 600-1400 GPM (2250-5300LPM)



AFTK-25

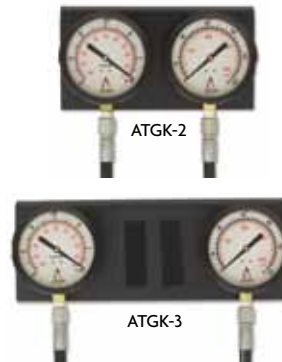
Apparatus Test Gauge Kit

ATGK-2

- 36" test hoses, connect directly to underwriters test fittings (Style 44)
- ±1% accurate, 3 1/2" diameter, freeze protected liquid filled gauges
- 0-30", .5Hg increment vacuum and 0-400, 5 psi (34 kPa) increment pressure gauge
- Heavy-duty carrying case
- Certified calibrated gauges
- Optional pressure gauges available

ATGK-3

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



ATGK-2

ATGK-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 1/2", height: 1 3/8", weight: 8 oz.



Style 44

Line Gauges

- Designed to determine nozzle pressure and static pressure
- 3 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 1/2" and 3" sizes
- 1 1/2" diameter peanut gauge (0-300) with guard
- Grade B 3%-2%-3% accuracy
- 2 1/2" weight: 2 lbs., length: 5"
- 3" weight: 2 1/2 lbs., length: 5 1/2"
- Certified calibrated gauges
- Pyrolite® construction

Style	Description
HLGK-15	1 1/2" (38 mm) Line Gauge
HLGK-25	2 1/2" (65 mm) Line Gauge
HLGK-30	3" (75 mm) Line Gauge
HLGK-35	3 1/2" (89 mm) Line Gauge
HLGK-40	4" (100 mm) Line Gauge
HLGK-45	4 1/2" (114 mm) Line Gauge
HLGK-50	5" (125 mm) Line Gauge
HLGK-60	6" (150 mm) Line Gauge



HLGK-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 1/2" liquid filled 0-160 psi (0-1100 kpa) gauge, 2 psi (20 kPa) increments, ±1% accurate full scale
- Pyrolite construction

Style	Description
HCGK-15	1 1/2" (38 mm) NH Cap Gauge
HCGK-25	2 1/2" (65 mm) NH Cap Gauge
HCGK-30	3" (75 mm) NH Cap Gauge
HCGK-35	3 1/2" (89 mm) NH Cap Gauge
HCGK-40	4" (100 mm) NH Cap Gauge
HCGK-40S	4" (100 mm) Storz Cap Gauge

Style	Description
HCGK-45	4 1/2" (114 mm) NH Cap Gauge
HCGK-50	5" (125 mm) NH Cap Gauge
HCGK-50S	5" (125 mm) Storz Cap Gauge
HCGK-60	6" (150 mm) NH Cap Gauge
HCGK-60S	6" (150 mm) Storz Cap Gauge



HCGK-25



Tachometers & Flow Test Equipment

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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	0-200 psi (0-1400 kPa)	2 psi (20 kPa)	Pressure	
32	0-300 psi (0-2000 kPa)	5 psi (50 kPa)	Pressure	
FK-350	0-60 psi (0-400 kPa)	1 psi (50 kPa)	Pressure	
FK-351	0-100 psi (0-700 kPa)	2 psi (50 kPa)	Pressure	
FK-352	0-160 psi (0-1100 kPa)	2 psi (50 kPa)	Pressure	
FK-360	0-200 psi (0-1400 kPa)	2 psi (50 kPa)	Pressure	
FK-353	0-300 psi (0-2000 kPa)	2 psi (50 kPa)	Pressure	
FK-354	0-400 psi (2800 kPa)	5 psi (100 kPa)	Pressure	
FK-355	0-600 psi (No kPa)	10 psi (No kPa)	Pressure	
FK-702	0-30 mmHg (0-100 kPa)	0.5 in Hg (2 kPa)	Vacuum	2 back studs 1/4" NPT
FK-703	0-160 (0-1100 kPa)	5 psi (50 kPa)	Pressure	2 back studs 1/4" NPT
FK-704	0-300 (0-200 kPa)	2 psi (50 kPa)	Pressure	2 back studs 1/4" NPT
FK-707	0-400 (0-2800 kPa)	5 psi (100 kPa)	Pressure	2 back studs 1/4" NPT
FK-708	0-600 (No kPa)	10 psi (No kPa)	Pressure	2 back studs 1/4" NPT



Style 31

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

HHPT

- 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



HHPT

Hydrant Flow Test Kit

AHTK-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

AHTK-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)



AHTK-26





Large Diameter Kits

AHTK-45

- Includes a 4 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
- Heavy-duty extra large case available

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



AHTK-45



AHTK-46

Street "T" Diffuser

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

STOR-25

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

STOR-45

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



STOR-25

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 (4800 lpm) through 2 1/2" sensor body
- Width: 20 1/2", height: 17 1/2", depth: 8 1/2"
- Weight: 30 lbs.

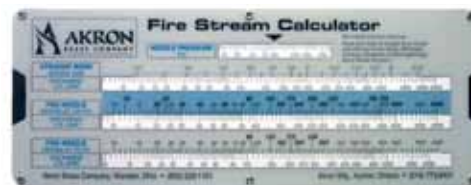


Style 9301

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 fire fighter 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