



## Hydraulic Press & Cylinder Pressure Gauges

Available in pressure ranges from 0 to 40,000 psi at Grainger.com

Intended for use in demanding, high-cycle hydraulic applications such as monitoring and testing system pressure for hydraulic presses, cylinders, tool holding, and tooling systems.

**Gauges for hydraulic presses & cylinders** use a dual scale to measure system pressure and force. Measure input pressure into cylinders, jacks, and high-pressure systems.

**Gauges for hydraulic machinery** measure very high pressures with a high degree of accuracy. Commonly used for proof-pressure testing of hydraulic valves and machinery.

**Digital gauges** measure hydraulic system pressure with high accuracy.

**Adapters** are compatible with specific gauges and machines and allow a gauge to mate with a specific cylinder, press, or other tool.



**Gauge for Hydraulic Presses & Cylinders 46C577**



**Test System Gauge for Hydraulic Machinery 18Y551**

Nominal Dial Size	Secondary Scale Units	Accuracy	Gauge Case Liquid	Blowout Safety Back	Brand	GAUGE Item No.	ADAPTER Item No.
<b>Dial Pressure Gauges for Hydraulic Presses &amp; Cylinders</b>							
<b>¼ in SAE Male - Bottom</b>							
2½"	bar	±3-2-3%	Glycerin	No	Pic Gauges	19RZ24	—
<b>¼ in NPT Male - Bottom</b>							
2½"	bar	±1.50%	Glycerin	Yes	Enerpac	K4564	3KD39
4"	bar	±1.00%	Glycerin	Yes	Enerpac	K4565	3KD39
4"	ton	±1.00%	Glycerin	No	Enerpac	46C577	3KD39
<b>¼ in NPT Male - Center Back</b>							
2½"	bar	±1.50%	Glycerin	Yes	Enerpac	K4566	3KD39
<b>½ in NPT Male - Bottom</b>							
4"	bar	±1.00%	None	Yes	Enerpac	3KD63	3KD38
4"	bar	±1.00%	None	No	Enerpac	46C578	3KD38
4"	bar	±1.00%	Glycerin	Yes	Enerpac	5ZL41	3KD38
4"	lbs. ton	±1.00%	Glycerin	No	Enerpac	K4567	3KD38
<b>Dial Test System Gauges for Hydraulic Machinery</b>							
<b>¼ in Cone Male - Bottom</b>							
162-mm	bar	±0.50%	None	Yes	Enerpac	41GJ14	—
192-mm	bar	±1.50%	None	Yes	Enerpac	18Y552	—
<b>½ in NPT Male - Bottom</b>							
162-mm	bar	±0.50%	None	Yes	Enerpac	18Y551	—
<b>Digital Pressure Gauges for Hydraulic System Pressure</b>							
<b>¼ in NPT Male - Bottom</b>							
2½"		±0.25%		No	Enerpac	22NV68	—

## Ammonia Refrigerant Compound Gauges

- Accuracy: ±3-2-3%
- Temp. range: -40° to 150°F
- Steel housing
- 316 SS sensor/steel socket
- Polycarbonate lens
- ¼" NPT male bottom connection

Dual-scale dial provides temperature and pressure readings in a single glance. Commonly used in commercial and industrial refrigeration systems.



**4CFW8**

Range	Item No.
2½" Dial 30 in Hg Vac to 150 psi	4CFW6
30 in Hg Vac to 300 psi	4CFW7
3½" Dial 30 in Hg Vac to 150 psi	4CFW8
30 in Hg Vac to 300 psi	4CFW9



## SCBA Panel-Mount Pressure Gauges

- Available in pressure ranges from 0 to 10,000 psi at Grainger.com
- Brass/bronze wetted parts
- Glycerin fill
- ¼" NPT male center back connection

Measure pressure in compressed breathing air in SCBA (self-contained breathing apparatus) applications where accuracy and leak integrity are critical. Designed for use in firefighting and emergency response applications. U-clamp mounting.



**White w/ Color Zones 52VR91**



**White Dial K4578**

Nominal Dial Size	Accuracy	Case Material	Lens Material	Dial Color	Item No.
2½"	±1.0%	Zytel Nylon	Acrylic	White with Color Zones	52VR91
63-mm	±2-1-2%	Stainless Steel	Polycarbonate	White with Color Zones	52VR97
2½"	±1.0%	Zytel Nylon	Acrylic	White	K4577
63-mm	±2-1-2%	Stainless Steel	Polycarbonate	White	K4578



**G3999**



**20LK20**

## Liquid-Level Altitude Pressure Gauges

Available in pressure ranges from 0 to 690 ft wc at Grainger.com

Use to determine the level of water or liquid in a tank or well. Gauges read head pressure in units of ft. wc (feet water column). Commonly used in tanks, stand-pipes, and other applications where water depth must be accurately gauged.

**Well water gauges** measure in units of ft. H2O (feet of water) to indicate the depth of water in a well.

Nominal Dial Size	Accuracy	Gauge Wetted Parts	Case Material	Brand	Item No.
<b>Liquid Level Pressure Gauges</b>					
<b>¼ in NPT Male - Bottom</b>					
4½"	+/-1.00%	Copper	Stainless Steel	—	G3999
4½"	+/-1.00%	Brass / Bronze	Aluminum	Winters	K4568
6"	+/-0.50%	Brass / Bronze	Aluminum	Winters	K4569
6"	+/-0.50%	Brass / Bronze	Aluminum	Winters	K4570
<b>Well Water Level Gauges</b>					
4½"	+/-2.00%	Brass / Bronze	Steel	Duro	20LK20

## Agricultural Ammonia Pressure Gauges

- Accuracy: ±3-2-3%
- Stainless steel housing
- Stainless steel wetted parts
- Glass lens
- ¼" MNPT bottom connection

Measure pressure in systems that circulate or distribute anhydrous ammonia. Built to withstand harsh environments. Commonly used in bulk storage tanks, field tanks, processing equipment, metering devices, and applicator equipment.



**4CFW4**

Nominal Dial Size	Pressure Range	Item No.
2½"	0 to 60 psi	4CFW3
2½"	0 to 150 psi	4CFW4



## Fire Apparatus Panel-Mount Pressure Gauges

- Available in pressure ranges from -30 to 0 in Hg (vacuum) and 0 to 600 psi at Grainger.com
- Brass/bronze wetted parts

Gauges monitor water pressure in fire trucks, fire apparatus, and other emergency response applications.

**Gauges with brass cases** have an integral socket and tube to eliminate leaks. Glycerin fill.

**Gauges with zytel nylon cases** have KEM-X protection from freezing and clogging. Low temperature glycerin fill. Temperature-compensating internal diaphragm.

**Pump pressure test kits** include vacuum and pressure gauges, hoses, and fittings for testing fire truck/apparatus pumps. Padded carrying case.



**K4575**



**52VR99**

Nominal Dial Size	Accuracy	Case Material	Lens Material	CHOOSE: Dial Color	Item No.
<b>Fire Truck &amp; Fire Apparatus Panel-Mount Pressure Gauges</b>					
<b>¼ in NPT Male - Center Back</b>					
2½"	±1.5%	Brass	Acrylic	White, Black	K4575
2½"	±1.0%	Zytel Nylon	Acrylic	White, Black	K4683
2½"	±1.0%	Zytel Nylon	Acrylic	White, Black	K4571
<b>¼ in NPT Male - Lower Back</b>					
4"	±1.0%	Brass	Acrylic	White, Black	K4576
<b>¼ in NPT Male - Center Back</b>					
4½"	±1.0%	Zytel Nylon	Acrylic	White, Black	K4573
6"	±1.0%	Zytel Nylon	Acrylic	White, Black	K4574
<b>Fire Truck Pump Pressure Test Kits</b>					
—	—	—	—	White	52VR99