

4" Liquid Filled Pressure Gauge

SPECIFICATIONS

- CASE: 4" Type 304 stainless steel thin line case
- FILL FLUID: Glycerine
- RING: Crimped, polished stainless steel
- WINDOW: Clear Acrylic
- TUBE: Phosphor bronze
- SOCKET: Brass with threaded restrictor
- DIAL: White aluminum with black and red markings (psi & kPa scale standard)
- MOVEMENT: Brass rotary type with bushings
- POINTER: Black anodized aluminum
- ACCURACY: $\pm 1.0\%$ Full Scale, ASME B40.100 Grade 1A
- CONNECTION: 1/4 NPT Lower
- RANGES: Vacuum, Compound, Pressure to 1000 psi
- OPERATING TEMPERATURE
 - PROCESS: $-40-140^{\circ}\text{F}$ ($-40-60^{\circ}\text{C}$)
 - AMBIENT: $-40-140^{\circ}\text{F}$ ($-40-60^{\circ}\text{C}$)

FEATURES

- Stainless Steel Case
- Glycerine Fill
- $\pm 1\%$ Accuracy



MARKETS

- General Service
- Compressors & Pumps
- Hydraulic Equipment
- Plumping & Heating
- Outdoor Applications

This series of gauges is intended for general service conditions, for pressure or vacuum on air, oil, water, gas or other media that do not attack brass.

Weiss gauges should always be installed with a shut-off valve for gauge removal. For applications with pressure spikes, surges or pulsations, a pressure snubber should be installed in conjunction with the gauge. For steam service, the gauge should be protected by excessive temperature by installing a coil type syphon.

LF441 Series

STANDARD RANGES

Code	PSI & kPa Range	Figure Interval	Minor Graduation
015	0/15 psi & kPa	2	0.5
030	0/30 psi & kPa	5	0.5
060	0/60 psi & kPa	10	1
100	0/100 psi & kPa	10	2
160	0/160 psi & kPa	20	2
200	0/200 psi & kPa	50	5
300	0/300 psi & kPa	50	5
400	0/400 psi & kPa	100	10
600	0/600 psi & kPa	100	10
1000	0/1000 psi & kPa	200	20
1500	0/1500 psi & kPa	200	20
2000	0/2000 psi & kPa	500	50
3000	0/3000 psi & kPa	500	50
5000	0/5000 psi & kPa	1000	100
6000	0/6000 psi & kPa	1000	100
10000	0/10,000 psi & kPa	2000	200
VAC	30" Hg/0	5" Hg	0.5" Hg
V15	30" Hg/0/15 psi & kPa	10" Hg/2 psi	1" Hg/1 psi
V30	30" Hg/0/30 psi & kPa	10" Hg/5 psi	2" Hg/1 psi
V60	30" Hg/0/60 psi & kPa	10" Hg/10 psi	2" Hg/2 psi
V100	30" Hg/0/100 psi & kPa	30" Hg/20 psi	5" Hg/2 psi
V150	30" Hg/0/150 psi & kPa	30" Hg/20 psi	5" Hg/5 psi
V200	30" Hg/0/200 psi & kPa	30" Hg/20 psi	5" Hg/5 psi
V300	30" Hg/0/300 psi & kPa	30" Hg/50 psi	10" Hg/10 psi

OPTIONS (consult factory)

- Back Flange
- 1/2 NPT connection
- Other Scale Ranges
 - PSI only
 - PSI & BAR
 - PSI & kg/cm²
- Lead-Free Brass Internals for Potable Water
- Custom Dial Markings

ORDERING CODES

Model	-	Range	-	Connection
LF441	-	Range Code from table above	-	4L ¼ NPT Lower