

Dial Indicating Gauge Accuracy/Standard Dial Configuration

300 Series Gauges: 4"

Applies to:
400/500 Series Gauges: 4" and 6"

900 Series Gauges: 4"

ACCURACY: ±1.0% full scale											
Primary Scale			Secondary Scales								
Dial Range	Figure	Graduation	kPa	Figure	Graduation	kg/cm ²	Figure	Graduation	bar	Figure	Graduation
-30 inHg to 0 psi	-5 inHg	-0.5 inHg	-100 kPa to 0 kPa	-20 kPa	-2 kPa	-1.02 kg/cm ² to 0 kg/cm ²	-0.2 kg/cm ²	-0.02 kg/cm ²	-1 bar to 0 bar	-0.2 bar	-0.02 bar
-30 inHg to 15 psi	-10 inHg	-1 inHg	-100 kPa to 100 kPa	-50 kPa	-5 kPa	-1 kg/cm ² to 1.05 kg/cm ²	-0.5 kg/cm ²	-0.05 kg/cm ²	-1 bar to 1 bar	-0.5 bar	-0.05 bar
-30 inHg to 30 psi	-10 inHg	-1 inHg	-100 kPa to 200 kPa	-50 kPa	-5 kPa	-1 kg/cm ² to 2 kg/cm ²	-1 kg/cm ²	-0.1 kg/cm ²	-1 bar to 2.05 bar	-0.5 bar	-0.05 bar
-30 inHg to 60 psi	-30 inHg	-2 inHg	-100 kPa to 410 kPa	-100 kPa	-10 kPa	-1 kg/cm ² to 4.2 kg/cm ²	-1 kg/cm ²	-0.1 kg/cm ²	-1 bar to 4.1 bar	-1 bar	.01 bar
-30 inHg to 100 psi	-30 inHg	-5 inHg	-100 kPa to 680 kPa	-100 kPa	-20 kPa	-1 kg/cm ² to 7 kg/cm ²	-1 kg/cm ²	-0.2 kg/cm ²	-1 bar to 6.8 bar	-1 bar	-0.2 bar
-30 inHg to 160 psi	-30 inHg	-5 inHg	-100 kPa to 1,100 kPa	-100 kPa	-20 kPa	-1 kg/cm ² to 11.2 kg/cm ²	-1 kg/cm ²	-0.2 kg/cm ²	-1 bar to 11 bar	-1 bar	-0.2 bar
-30 inHg to 200 psi	-30 inHg	-5 inHg	-100 kPa to 1,360 kPa	-100 kPa	-20 kPa	-1 kg/cm ² to 14 kg/cm ²	-1 kg/cm ²	-0.2 kg/cm ²	-1 bar to 13.6 bar	-1 bar	-0.2 bar
-30 inHg to 300 psi	-30 inHg	-10 inHg	-100 kPa to 2,050 kPa	-100 kPa	-50 kPa	-1 kg/cm ² to 21 kg/cm ²	-1 kg/cm ²	-0.5 kg/cm ²	-1 bar to 20.5 bar	-1 bar	-0.5 bar
0 psi to 15 psi	3 psi	0.2 psi	0 kPa to 102 kPa	30 kPa	2 kPa	0 kg/cm ² to 1.04 kg/cm ²	0.3 kg/cm ²	0.04 kg/cm ²	0 bar to 1.02 bar	0.3 bar	0.02 bar
0 psi to 30 psi	5 psi	0.5 psi	0 kPa to 205 kPa	50 kPa	5 kPa	0 kg/cm ² to 2.1 kg/cm ²	0.5 kg/cm ²	0.1 kg/cm ²	0 bar to 2.05 bar	0.5 bar	0.05 bar
0 psi to 60 psi	10 psi	1 psi	0 kPa to 410 kPa	100 kPa	10 kPa	0 kg/cm ² to 4.2 kg/cm ²	1 kg/cm ²	0.1 kg/cm ²	0 bar to 4.1 bar	1 bar	0.1 bar
0 psi to 100 psi	20 psi	2 psi	0 kPa to 680 kPa	200 kPa	20 kPa	0 kg/cm ² to 7 kg/cm ²	2 kg/cm ²	0.2 kg/cm ²	0 bar to 6.8 bar	2 bar	0.2 bar
0 psi to 160 psi	20 psi	2 psi	0 kPa to 1,100 kPa	200 kPa	20 kPa	0 kg/cm ² to 11.2 kg/cm ²	2 kg/cm ²	0.2 kg/cm ²	0 bar to 11 bar	2 bar	0.2 bar
0 psi to 200 psi	40 psi	4 psi	0 kPa to 1,360 kPa	400 kPa	40 kPa	0 kg/cm ² to 14 kg/cm ²	4 kg/cm ²	0.4 kg/cm ²	0 bar to 13.6 bar	4 bar	0.4 bar
0 psi to 300 psi	50 psi	5 psi	0 kPa to 2,050 kPa	500 kPa	50 kPa	0 kg/cm ² to 21 kg/cm ²	5 kg/cm ²	0.5 kg/cm ²	0 bar to 20.5 bar	5 bar	0.5 bar
0 psi to 400 psi	50 psi	5 psi	0 kPa to 2,750 kPa	500 kPa	50 kPa	0 kg/cm ² to 28 kg/cm ²	5 kg/cm ²	0.5 kg/cm ²	0 bar to 27.5 bar	5 bar	0.5 bar
0 psi to 600 psi	100 psi	10 psi	0 kPa to 4,100 kPa	1,000 kPa	100 kPa	0 kg/cm ² to 42 kg/cm ²	10 kg/cm ²	1 kg/cm ²	0 bar to 41 bar	10 bar	1 bar
0 psi to 1,000 psi	200 psi	20 psi	0 kPa to 6,800 kPa	2,000 kPa	200 kPa	0 kg/cm ² to 70 kg/cm ²	20 kg/cm ²	2 kg/cm ²	0 bar to 68 bar	20 bar	2 bar
0 psi to 1,500 psi	300 psi	20 psi	0 kPa to 10,200 kPa	3,000 kPa	200 kPa	0 kg/cm ² to 104 kg/cm ²	30 kg/cm ²	2 kg/cm ²	0 bar to 102 bar	30 bar	2 bar
0 psi to 2,000 psi	400 psi	40 psi	0 kPa to 13,600 kPa	4,000 kPa	400 kPa	0 kg/cm ² to 140 kg/cm ²	40 kg/cm ²	4 kg/cm ²	0 bar to 136 bar	40 bar	4 bar
0 psi to 3,000 psi	500 psi	50 psi	0 kPa to 20,500 kPa	5,000 kPa	500 kPa	0 kg/cm ² to 210 kg/cm ²	50 kg/cm ²	5 kg/cm ²	0 bar to 205 bar	50 bar	5 bar
0 psi to 5,000 psi	1,000 psi	100 psi	0 kPa to 34,000 kPa	10,000 kPa	1,000 kPa	0 kg/cm ² to 350 kg/cm ²	100 kg/cm ²	10 kg/cm ²	0 bar to 340 bar	100 bar	10 bar
0 psi to 6,000 psi	1,000 psi	100 psi	0 kPa to 41,000 kPa	10,000 kPa	1,000 kPa	0 kg/cm ² to 420 kg/cm ²	100 kg/cm ²	10 kg/cm ²	0 bar to 410 bar	100 bar	10 bar
0 psi to 7,500 psi	1,500 psi	100 psi	0 kPa to 51,000 kPa	10,000 kPa	1,000 kPa	0 kg/cm ² to 520 kg/cm ²	100 kg/cm ²	10 kg/cm ²	0 bar to 510 bar	100 bar	10 bar
0 psi to 10,000 psi	2,000 psi	200 psi	0 kPa to 68,000 kPa	20,000 kPa	2,000 kPa	0 kg/cm ² to 700 kg/cm ²	200 kg/cm ²	20 kg/cm ²	0 bar to 680 bar	200 bar	20 bar
0 psi to 15,000 psi	3,000 psi	200 psi	0 kPa to 102,000 kPa	30,000 kPa	2,000 kPa	0 kg/cm ² to 1,040 kg/cm ²	300 kg/cm ²	20 kg/cm ²	0 bar to 1,030 bar	300 bar	20 bar
0 psi to 20,000 psi	4,000 psi	400 psi	0 kPa to 136,000 kPa	40,000 kPa	4,000 kPa	0 kg/cm ² to 1,400 kg/cm ²	400 kg/cm ²	40 kg/cm ²	0 bar to 1,360 bar	400 bar	40 bar
0 psi to 30,000 psi	5,000 psi	500 psi	0 kPa to 205,000 kPa	50,000 kPa	5,000 kPa	0 kg/cm ² to 2,100 kg/cm ²	500 kg/cm ²	50 kg/cm ²	0 bar to 2,050 bar	500 bar	50 bar
0 psi to 40,000 psi	5,000 psi	500 psi	0 kPa to 275,000 kPa	50,000 kPa	5,000 kPa	0 kg/cm ² to 2,800 kg/cm ²	500 kg/cm ²	50 kg/cm ²	0 bar to 2,750 bar	500 bar	50 bar
0 psi to 50,000 psi	10,000 psi	1000 psi	0 kPa to 340,000 kPa	100,000 kPa	10,000 kPa	0 kg/cm ² to 3,500 kg/cm ²	1,000 kg/cm ²	100 kg/cm ²	0 bar to 3,400 bar	1,000 bar	100 bar
0 psi to 60,000 psi	10,000 psi	1000 psi	0 kPa to 410,000 kPa	100,000 kPa	10,000 kPa	0 kg/cm ² to 4,200 kg/cm ²	1,000 kg/cm ²	100 kg/cm ²	0 bar to 4,100 bar	1,000 bar	100 bar
0 psi to 75,000 psi	15,000 psi	1000 psi	0 kPa to 510,000 kPa	100,000 kPa	10,000 kPa	0 kg/cm ² to 5,200 kg/cm ²	1,000 kg/cm ²	100 kg/cm ²	0 bar to 5,100 bar	1,000 bar	100 bar
0 psi to 100,000 psi	20,000 psi	2000 psi	0 kPa to 680,000 kPa	200,000 kPa	20,000 kPa	0 kg/cm ² to 7,000 kg/cm ²	2,000 kg/cm ²	200 kg/cm ²	0 bar to 6,800 bar	2,000 bar	200 bar