

## Dial Indicating Gauge Accuracy/Standard Dial Configuration

Applies to:

100 Series Gauges: 4"

300 Series Gauges: 2-1/2"

400/500 Series Gauges: 2-1/2"

900 Series Gauges: 2-1/2"

ACCURACY: ±1.6% full scale											
Primary Scale			Secondary Scales								
Dial Range	Figure	Graduation	kPa	Figure	Graduation	kg/cm <sup>2</sup>	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 <sup>2</sup> to 0 kg/cm <sup>2</sup>	-0.2 kg/cm <sup>2</sup>	-0.02 kg/cm <sup>2</sup>	-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 <sup>2</sup> to 1.05 kg/cm <sup>2</sup>	-0.5 kg/cm <sup>2</sup>	-0.05 kg/cm <sup>2</sup>	-1 bar to 1 bar	-0.5 bar	-0.05 bar
-30 inHg to 30 psi	-30 inHg	-2 inHg	-100 kPa to 205 kPa	-100 kPa	-10 kPa	-1 kg/cm <sup>2</sup> to 2.10 kg/cm <sup>2</sup>	-1 kg/cm <sup>2</sup>	-0.1 kg/cm <sup>2</sup>	-1 bar to 2 bar	-1 bar	-0.1 bar
-30 inHg to 60 psi	-30 inHg	-5 inHg	-100 kPa to 400 kPa	-100 kPa	-20 kPa	-1 kg/cm <sup>2</sup> to 4.2 kg/cm <sup>2</sup>	-1 kg/cm <sup>2</sup>	-2 kg/cm <sup>2</sup>	-1 bar to 4 bar	-1 bar	-0.2 bar
-30 inHg to 100 psi	-30 inHg	-5 inHg	-100 kPa to 680 kPa	-100 kPa	-20 kPa	-1 kg/cm <sup>2</sup> to 7 kg/cm <sup>2</sup>	-1 kg/cm <sup>2</sup>	-0.2 kg/cm <sup>2</sup>	-1 bar to 6.8 bar	-1 bar	-0.2 bar
-30 inHg to 160 psi	-30 inHg	-10 inHg	-100 kPa to 1,080 kPa	-100 kPa	-50 kPa	-1 kg/cm <sup>2</sup> to 11.2 kg/cm <sup>2</sup>	-1 kg/cm <sup>2</sup>	-0.5 kg/cm <sup>2</sup>	-1 bar to 11 bar	-1 bar	-0.5 bar
-30 inHg to 200 psi	-30 inHg	-10 inHg	-100 kPa to 1,360 kPa	-100 kPa	-50 kPa	-1 kg/cm <sup>2</sup> to 14 kg/cm <sup>2</sup>	-1 kg/cm <sup>2</sup>	-0.5 kg/cm <sup>2</sup>	-1 bar to 13.6 bar	-1 bar	-0.5 bar
-30 inHg to 300 psi	-30 inHg	-10 inHg	-100 kPa to 2,050 kPa	-100 kPa	-50 kPa	-1 kg/cm <sup>2</sup> to 21 kg/cm <sup>2</sup>	-1 kg/cm <sup>2</sup>	-0.5 kg/cm <sup>2</sup>	-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 <sup>2</sup> to 1.04 kg/cm <sup>2</sup>	0.3 kg/cm <sup>2</sup>	0.02 kg/cm <sup>2</sup>	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 <sup>2</sup> to 2.1 kg/cm <sup>2</sup>	0.5 kg/cm <sup>2</sup>	0.05 kg/cm <sup>2</sup>	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 <sup>2</sup> to 4.2 kg/cm <sup>2</sup>	1 kg/cm <sup>2</sup>	0.1 kg/cm <sup>2</sup>	0 bar to 4.10 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 <sup>2</sup> to 7 kg/cm <sup>2</sup>	2 kg/cm <sup>2</sup>	0.2 kg/cm <sup>2</sup>	0 bar to 6.8 bar	2 bar	0.2 bar
0 psi to 160 psi	40 psi	4 psi	0 kPa to 1,080 kPa	400 kPa	40 kPa	0 kg/cm <sup>2</sup> to 11.2 kg/cm <sup>2</sup>	4 kg/cm <sup>2</sup>	0.4 kg/cm <sup>2</sup>	0 bar to 11 bar	4 bar	0.4 bar
0 psi to 200 psi	40 psi	4 psi	0 kPa to 1,360 kPa	400 kPa	40 kPa	0 kg/cm <sup>2</sup> to 14 kg/cm <sup>2</sup>	4 kg/cm <sup>2</sup>	0.4 kg/cm <sup>2</sup>	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 <sup>2</sup> to 21 kg/cm <sup>2</sup>	5 kg/cm <sup>2</sup>	0.5 kg/cm <sup>2</sup>	0 bar to 20.5 bar	5 bar	0.5 bar
0 psi to 400 psi	100 psi	10 psi	0 kPa to 2,700 kPa	1,000 kPa	100 kPa	0 kg/cm <sup>2</sup> to 28 kg/cm <sup>2</sup>	10 kg/cm <sup>2</sup>	1 kg/cm <sup>2</sup>	0 bar to 27 bar	10 bar	1 bar
0 psi to 600 psi	100 psi	10 psi	0 kPa to 4,100 kPa	1,000 kPa	100 kPa	0 kg/cm <sup>2</sup> to 42 kg/cm <sup>2</sup>	10 kg/cm <sup>2</sup>	1 kg/cm <sup>2</sup>	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 <sup>2</sup> to 70 kg/cm <sup>2</sup>	20 kg/cm <sup>2</sup>	2 kg/cm <sup>2</sup>	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 <sup>2</sup> to 104 kg/cm <sup>2</sup>	30 kg/cm <sup>2</sup>	2 kg/cm <sup>2</sup>	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 <sup>2</sup> to 140 kg/cm <sup>2</sup>	40 kg/cm <sup>2</sup>	4 kg/cm <sup>2</sup>	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 <sup>2</sup> to 210 kg/cm <sup>2</sup>	50 kg/cm <sup>2</sup>	5 kg/cm <sup>2</sup>	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 <sup>2</sup> to 350 kg/cm <sup>2</sup>	100 kg/cm <sup>2</sup>	10 kg/cm <sup>2</sup>	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 <sup>2</sup> to 420 kg/cm <sup>2</sup>	100 kg/cm <sup>2</sup>	10 kg/cm <sup>2</sup>	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 <sup>2</sup> to 520 kg/cm <sup>2</sup>	100 kg/cm <sup>2</sup>	10 kg/cm <sup>2</sup>	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 <sup>2</sup> to 700 kg/cm <sup>2</sup>	200 kg/cm <sup>2</sup>	20 kg/cm <sup>2</sup>	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 <sup>2</sup> to 1,040 kg/cm <sup>2</sup>	300 kg/cm <sup>2</sup>	20 kg/cm <sup>2</sup>	0 bar to 1,020 bar	300 bar	20 bar