

SOLFRUNT® 4.5" TEST GAUGES

Series 1400 4½" SOLFRUNT test gauges are designed to combine laboratory test gauge accuracy with carrying case or rolling test stand portability, and frequently are permanently installed on instrument shop test benches or test panels. These gauges feature a solid front case, which provides a partition between the pressure measuring element and the window with a pressure relieving back. Accurate gauge reading is accomplished by sighting the knife edge of the indicating pointer with the paralleling pressure graduation, while simultaneously eliminating the pointer's image on the mirrored dial edge. An adjustable pointer provides front zero adjustment. Other calibration adjustments can be made from the back without removal from the case. Metric ranges are available upon request.



SPECIFICATIONS

DIAL SIZE: 4½"

CASE: SOLFRUNT, Cast aluminum, black finish with stainless steel pressure relieving back.

1403—Front flanged for panel mounting.

1404—Flangeless for stem mounting.

RING: 1403—Steel hinged, black finish.

1404—Aluminum snap-lock bayonet, black.

WINDOW: Molded acrylic with gasket.

POINTER: Knife-edged, black, adjustable.

DIAL: White coated aluminum with black markings and mirrored edge.

MOVEMENT: Geared Arc-Loc® with parts of phosphor bronze and stainless steel to minimize friction and wear.

BOURDON TUBE: Silver brazed.

Phosphor bronze—30" Hg. Vac. thru 60 PSI

Beryllium copper—100 thru 5000 PSI

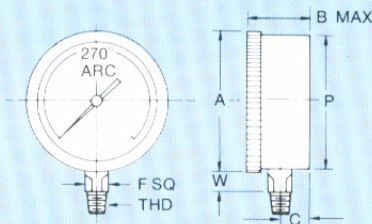
CONNECTION: ½" ANPT standard (¼" ANPT optional), brass.

ACCURACY: ±0.25 percent of span.

STANDARD RANGES

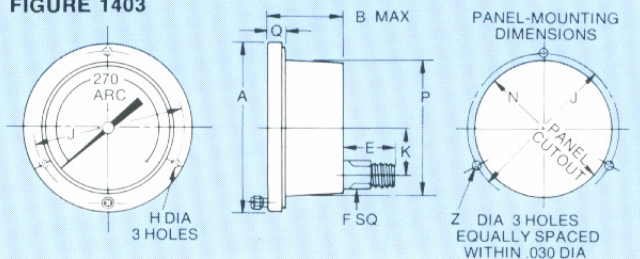
MAXIMUM INDICATION	FIGURE INTERVALS	SMALLEST INTERVALS
15	1	0.05
30	2	0.1
60	5	0.2
100	5	0.5
160	10	1
200	10	1
300	20	1
400	20	2
600	50	2
1,000	50	5
1,500	100	5
2,000	100	10
3,000	200	10
5,000	200	20
30" Hg. Vac.	2" Hg. Vac.	0.1" Hg. Vac.

FIGURE 1404



DIAL SIZE	A	B	C	F	P	W
4½	5.28	2.59	1.10	.88	4.92	.95

FIGURE 1403



DIAL SIZE	A	B	E	F	H	J	K	N	P	Q	Z Min.
4½	6.09	2.52	1.64	.88	.22	5.38	1.62	4.90	4.83	.69	.25