



TA144



TA146

±0.25 % Accuracy – 4 ½" AND 6" Dial Size

Test Gauges are designed specifically for periodic bench testing and recalibration of production type gauges. They are also recommended for use in test cells such as on research projects, and as portable instruments for field inspectors and traveling engineers. Test gauges are not suggested for continuous duty in service installations.

Movement: Precision design, stainless steel rotary gear type. Wear-resistant, and virtually frictionless for long, accurate service.

Dial & Pointer: Mirrored dial and balanced knife-edge aluminum pointer permits reading without parallax error. Dial surface is white, with black numerals and graduations in a full 270° arc. Graduation lines are same width as the knife edge on pointer.

Connection

Location: 1/4 or 1/2 male NPT

Case: Choice of two black enameled die cast aluminum cases, solid front, safety type

Style 4: Back flanged type, bayonet ring, for surface or direct mounting. Bottom connected.

Style 6: Hinged front flush mount type, back connected.

Note – Refer to page 39 for case dimensions.

CATALOG NO.	BOURDON TUBE & SOCKET MATERIAL	DIAL SIZE (INCHES)
TA14*	Phosphor Bronze Bourdon Brass Socket	4½
TA16*		6
TA24	K Monel Bourdon	4½
TA26	K Monel Socket	6

*0/400 psi maximum range

STANDARD RANGES

RANGE CODE	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION
PC	0/15 psi	1 psi	0.05 psi
PD	0/30 psi	2 psi	0.10 psi
PE	0/60 psi	5 psi	0.20 psi
PF	0/100 psi	5 psi	0.50 psi
PG	0/160 psi	10 psi	1.0 psi
PH	0/200 psi	10 psi	1.0 psi
PJ	0/300 psi	20 psi	1.0 psi
PK	0/400 psi	20 psi	2.0 psi

STANDARD RANGES

RANGE CODE	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION
PM	600 psi	0/50 psi	2.0 psi
PO	800 psi	0/50 psi	5.0 psi
PP	1,000 psi	0/50 psi	5.0 psi
PR	1,500 psi	0/100 psi	5.0 psi
PS	2,000 psi	0/100 psi	10.0 psi
PT	3,000 psi	0/200 psi	10.0 psi
PV	5,000 psi	0/500 psi	20 psi
PY	10,000 psi	0/1,000 psi	50 psi

NOTE: The accuracy of measurement is influenced by the ambient temperature. The Weksler Test Gauge is calibrated to be accurate to within ¼ of 1% of full scale range at 77°F. (25°C). Using the gauge in ambient temperatures other than this requires the application of a correction of 0.02% of the indicated pressure for each 1°F. The correction is minus if the temperature is higher and plus if lower than 77°F.

HOW TO ORDER

BASIC 4-DIGIT CATALOG NO. FROM TABLE ABOVE T A 1 4 4 P K 4 L W

CASE STYLE "4" (BOTTOM CONNECTION) OR "6" (BACK CONNECTION) _____

RANGE CODE FROM RANGE TABLES ABOVE _____

THREAD SIZE: 4 = 1/4 NPT MALE (STANDARD); 2 = 1/2 NPT MALE _____

CONNECTION LOCATION: L = LOWER (BOTTOM); OR R = REAR (BACK) _____

DIAL COLOR: W = WHITE (STANDARD), B = BLACK (OPTIONAL) _____