



AA44X

±0.5 % Accuracy – 4 1/2" Dial Size
±1.0 % Accuracy – 3 1/2" Dial Size

STANDARD FEATURES

- Movement:** All 300 series stainless steel, heavy duty, bushed
- Pointer:** Geared micrometer adjustable, balanced
- Dial:** White enameled aluminum with black graduations and numerals. 270° ARC
- Thread Size:** 1/4 male NPT; 1/2 male NPT
- Connection Location:** Lower (bottom) or rear (back)
- Case:** Select from table below

DIAL SIZE	CATALOG NO.	GAUGE TYPE
3 1/2" 4 1/2"	AA43 AA44	Standard "Dry" Gauge
3 1/2" 4 1/2"	AS43 AS44	Hermetically Sealed "Dry" Gauge
3 1/2" 4 1/2"	AY43 AY44	Glycerine Filled Gauge

CASE CODE	MOUNTING	CASE TYPE
U ⁽¹⁾	Flush	Stainless Steel, U-Clamp, Panel Mount, Bayonet Ring
V ⁽²⁾	Semi-Flush	Stainless Steel, Front Flange, Panel Mount, Bayonet Ring
X	Surface	Stainless Steel, Back Flange, Bayonet Ring
Y	Direct	Stainless Steel, Flangeless, Bayonet Ring

(1) Available in 3 1/2" dial size with rear connection only.
(2) Available with rear connection only.

PRESSURE RANGES

CODE NO.	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION
PC	0-15 psi	1 psi	.1 psi
PD	0-30 psi	3 psi	.2 psi
PE	0-60 psi	5 psi	.5 psi
PF	0-100 psi	10 psi	1 psi
PG	0-160 psi	20 psi	2 psi
PH	0-200 psi	20 psi	2 psi
PJ	0-300 psi	30 psi	2 psi
PK	0-400 psi	50 psi	5 psi
PM	0-600 psi	50 psi	5 psi
PO	0-800 psi	100 psi	10 psi
PP	0-1,000 psi	100 psi	10 psi
PR	0-1,500 psi	200 psi	10 psi
PS	0-2,000 psi	200 psi	20 psi
PT	0-3,000 psi	500 psi	20 psi
PV	0-5,000 psi	500 psi	50 psi
PY	0-10,000 psi	1,000 psi	100 psi
PZ	0-15,000 psi	3,000 psi	100 psi
P2	0-20,000 psi	2,000 psi	200 psi

VACUUM RANGES

CODE NO.	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION
VC	30"-0 Hg. Vac	3"	.2"

COMPOUND RANGES

CODE NO.	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION
CA	30"-0-15 psi	5" & 3 psi	.5"/.2 psi
CB	30"-0-30 psi	10" & 5 psi	1"/.5 psi
CC	30"-0-60 psi	10" & 10 psi	1"/1 psi
CD	30"-0-100 psi	30" & 10 psi	2"/1 psi
CE	30"-0-150 psi	30" & 20 psi	5"/2 psi
CF	30"-0-200 psi	30" & 20 psi	5"/2 psi
CG	30"-0-300 psi	30" & 50 psi	5"/2 psi
CI	30"-0-600 psi	30" & 100 psi	10"/5 psi

NOTES:

- Royal Gauges are calibrated in accordance with ASME B40.1 Grade 2A (±1/2%). "3 1/2" dial size only is Grade 1A (±1.0%)."
See page 4 of this catalog for further reference to ASME B40.1.
- Metric Dials Can be Furnished. See Page 32.

Figure intervals and smallest graduations above are for 4 1/2" gauges and may vary for 3 1/2" dial size.

HOW TO ORDER

A A 4 4 X P R 4 L W ()

BASIC 4-DIGIT CATALOG NO. FROM TABLE ABOVE _____

CASE STYLE CODE FROM CASE CODE TABLE ABOVE _____

RANGE CODE FROM 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) _____

IF ANY GAUGE OPTIONS ARE DESIRED – SPECIFY OPTION CODE(S) FROM PAGE 33 _____