



AA242

±0.5 % Accuracy – 4 ½” 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:** Standard with style 2 polypropylene safety case (solid front, blow-out back) suitable for surface or direct mounting. Optional kit available for flush panel mounting.

CATALOG NO.	GAUGE TYPE
AA24	Standard "Dry" Gauge
AS24	Hermetically Sealed "Dry" Gauge
AY24	Glycerine Filled Gauge

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

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

HOW TO ORDER

A A 2 4 2 P F 2 L W ()

BASIC 4-DIGIT CATALOG NO. FROM TABLE ABOVE _____

STANDARD CASE STYLE "2" OR OPTIONAL CASE CODE (PAGES 34-38) _____

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) _____

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