

Royal Process Gauges, ±0.5% Accuracy 316 SS Tube and Socket 4½" Dial Size

STANDARD FEATURES

Movement: All 300 series stainless steel

Pointer: Geared micrometer adjustable, balanced

Dial: White enameled aluminum with black graduations and numerals 270° Arc

Dial Sizes: 4½"

Thread Size: ¼ male NPT; ½ male NPT

Connection Location: Lower (Bottom), Back (Rear)

Case: Standard with style #2 case; Polypropylene safety case (solid front, blow-out back) suitable for surface or direct mounting.

Bourdon Tube: 316 stainless steel

Socket: 316 stainless steel



PRESSURE RANGES

CODE NO.	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION
PC	0-15 psi	1 psi	.25 psi
PD	0-30 psi	5 psi	.5 psi
PE	0-60 psi	10 psi	1 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	50 psi	5 psi
PK	0-400 psi	50 psi	5 psi
PM	0-600 psi	100 psi	10 psi
PO	0-800 psi	100 psi	10 psi
PP	0-1000 psi	100 psi	10 psi
PR	0-1500 psi	200 psi	10 psi
PS	0-2000 psi	200 psi	20 psi
PT	0-3000 psi	500 psi	20 psi
PV	0-5000 psi	500 psi	50 psi
PY	0-10,000 psi	1000 psi	100 psi
PZ	0-15,000 psi	3000 psi	100 psi
P2	0-20,000 psi	2000 psi	200 psi

VACUUM RANGES

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

DESCRIPTION

CATALOG NO.	GAUGE TYPE
AA44	Standard "Dry" Gauge
AS44	Hermetically Sealed "Dry" Gauge
AY44	Glycerin Filled Gauge

CASE STYLE

OPTIONAL CASE STYLE*	
LOWER CONNECT	BACK CONNECT
#4 Aluminum Safety	#4 Aluminum Safety
	#6 Aluminum Flush

*Extra cost.

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	10"/5 psi
CI	30"-0-600 psi	30" & 100 psi	10"/10 psi

NOTES:

1. Royal Gauges are calibrated in accordance with ASME B40.1 Grade 2A (±1/2%).
2. Metric dials can be furnished, see page 25.

HOW TO ORDER

1. Basic 4-digit Catalog No. From Table Above AA44
2. Polypropylene case style #2 standard or case style from above table 2
3. Range Code From Range Tables Above P
4. Thread Size: 4 = ¼ Npt Male (Standard); 2 = ½ Npt Male F
5. Connection Location: L = Lower (Bottom), R = Back (Rear) 4
6. Dial Color: W = White L
7. If Any Gauge Options Are Desired – Specify Option Code(s) From Page 35 W ()