



**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



AA44

**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:**

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

**HOW TO ORDER**

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

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