

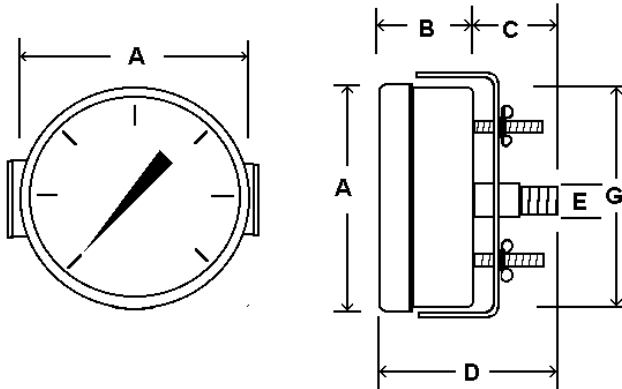
# 103D UTILITY GAUGE U-CLAMP PANEL MOUNT

**1 Utility gauge for commercial and industrial markets**  
**Chrome case and bezel, copper alloy internals**

## SPECIFICATIONS

<b>Dial</b>	1 1/2" (40 mm), 2" (50 mm), 2 1/2" (63 mm), 3 1/2" (88 mm)
<b>Case</b>	Chrome plated steel, dry non-fillable (3 1/2" = black painted steel with plastic, twist-off lens)
<b>Wetted Parts</b>	Copper alloy
<b>Bezel</b>	Chrome plated steel, fixed
<b>Lens</b>	Plastic
<b>Pointer</b>	Black aluminum
<b>Connection</b>	Center back mount with u-clamp 1 1/2" dial = 1/8" NPT 2" dial = 1/8" or 1/4" NPT 2 1/2" dial = 1/4" NPT 3 1/2" dial = 1/4" NPT
<b>Scale</b>	Standard: 1 1/2"-2 1/2"- psi/BAR (x 100 = kPa) 3 1/2" psi only
<b>Accuracy</b>	3-2-3% of span, ASME B40.1 Grade B
<b>Ambient Temp</b>	-50° F to 160° F

*Design meets or exceeds ASME B40.100 pressure gauge standard.*



Dial	Unit	A	B	C	D	G	E
1 1/2"	In.	1.84"	1.03"	0.63"	1.61"	1.61"	1/8" NPT
	mm	47	26	16	41	41	
2"	In.	2.31"	1.18"	0.73"	1.84"	2.04"	1/8" or 1/4" NPT
	mm	59	30	19	47	52	
2 1/2"	In.	2.68"	1.18"	0.91"	2.09"	2.40"	1/4" NPT
	mm	68	30	23	53	61	
3 1/2"	In.	3.98"	1.23"	0.67"	2.02"	3.59"	1/4" NPT
	mm	101	31	17	51	91	



## AVAILABLE OPTIONS\*

- Certificate of Accuracy, NIST traceable
- Custom Dial
- Anti-Vibration Movement, see page 107
- Glass Lens
- Stainless Steel Case
- Cleaned for Oxygen Service
- Special Connection Size
- Protective Rubber Cover, see page 119
- Max/Min Pointer, see page 120

\*Lead times/minimums may apply

## APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Weight	Box Qty
1 1/2"	0.20 lbs (0.10 kg)	100
2"	0.30 lbs (0.14 kg)	100
2 1/2"	0.35 lbs (0.18 kg)	100
3 1/2"	0.60 lbs (0.26 kg)	50

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.