

## DIAL "TORR" GAUGES

0-40, 0-100, 0-760 mm Range



- Barometrically compensated
- Large 4" Dial face with divisions in Torr
- All metal gauge: No mercury or liquid to contaminate the system
- Great for low pressure measurement
- Accuracy: +/- 2% full scale deflection
- Calibrated to EN837-3 Standards

US Vacuum TORR gauges are **HIGHLY ACCURATE**, barometrically compensated, capsule type (Aneroid), absolute pressure gauges. Each gauge has a dual absolute pressure scale, reading in both millibars (mbar) and Torr (mm Hg). To ensure high accuracy, all bearings are set in jewels, which provide exceptionally smooth pointer movement. Each gauge is individually calibrated at every point on both increasing and decreasing pressure to EN837-3 standards.

All gauges are machined from a solid piece of Aluminum bar stock and anodized for corrosion resistance. Gauges are assembled with an O-ring sealed tempered glass face, inconel sensing element and aluminum pointer & dial plate. Virtually no hysteresis is present. Four (4) ranges are available to meet both laboratory & Industrial applications.

Gauge Ranges: 0-40; 0-100 & 0-760 Torr (mm Hg)

## HIGH ACCURACY

### TORR GAUGES

MODEL USCG	USCG-40	USCG-100	USCG-760
RANGE	0-40 TORR	0-100 TORR	0-760 TORR
SCALE DIVISIONS	1 TORR	2 TORR	10 TORR
DISPLAY	4"	4"	4"
CONNECTION	1/4" NPT	1/4" NPT	1/4" NPT
PRICE	EMAIL	FOR	PRICING

<b>Technical Specification</b>	USCG Series
Dial Size	4" (100mm)
Construction	Anodized aluminum case, threaded bezel
Measuring Element	Evacuated capsule, Aneroid
Range	0-40, 0-100, 0-760
Calibration	EN 837-3
Over-range limit	130% full scale...short periods
Process connection	1/4"NPT
<b>Material Construction</b>	
Process connection	Brass
Capsule	Inconel
Case/Bezel	Anodized aluminum
Window	Toughened instrument glass
Dial	Aluminum, black figures on white
Pointer	Aluminum, black balanced
Movement	Brass
Accuracy	2% Full scale Deflection
<b>Permissible</b>	Degree F
Ambient Temperature	Min: 5 Max: 122F
Process Temperature	Min: -4F Max: 149F
Storage Temperature	Min: -4F Max: 140F
Temperature Effect	Max: 0.5%/50 Deg F
Protection	IP65
Filling Liquid	NONE
Mountings	Direct bottom
Weight Dry	1 Lb
Accessories	Snubber screw, special dial

## US VACUUM

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