PALMER

All Stainless Steel Gauges Model 25CS - 2-1/2" Crimped Bezel Gauge Model 25SS - 2-1/2" Gauge Bayonet Bezel

Durable and corrosion resistant, our Stainless Steel gauges are made to provide maximum protection in harsh conditions.

Quality gauges when greater accuracy is needed in a smaller gauge.

FEATURES

- · Reinforced Sector Improves Accuracy Over Life of Gauge
- · Durable and corrosion resistant
- · Offers greater accuracy in a smaller gauge.

Models	25CS • 25SS Series Specifications
Case:	AISI 304 Stainless Steel Solid case in 2-1/2" (63 mm) diameter
Fill:	Dry or Glycerin Filled. (Dry Gauges can be filled) Silicone Fill Optional.
Ring:	25CS: AISI 304 Polished Stainless Steel, Crimped Bezel 25SS: AISI 304 Polished Stainless Steel, Bayonet Bezel
Window:	25CS Instrument Glass / 25SS Safety Glass Standard
Socket:	AISI 316 Stainless Steel
Connection:	1/4" NPT
Bourdon Tube:	AISI 316 Stainless Steel Gauges less than 600 PSI use a C-tube configuration All other ranges use a spiral tube
Movement:	AISI 304 Stainless Steel
Pointer:	Balanced Black Aluminum
Dial:	White Aluminum with black markings in accordance with ASME B40.1 - 2005
Accuracy:	±1% on ranges below 10,000 ±1.6% on ranges 10,000 and above
Range Availability:	PSI, Metric, and Dual Scales*
Ambient Temperature:	Dry: -40° to 185°F (-40° to 85°C) Glycerin Filled: 60° to 150°F (15° to 65°C) Silicone Filled: -50° to 150°F (-45° to 65°C)
Process Temperature Limits:	-40° to 176°F (-40° to 80°C) 100°C MAX.
25CS Overpressure Limits:	130% of full range
25SS Overpressure Limits:	 30% for ranges up to 870 PSI (60 Bar) 25% for ranges from 870 to 1400 PSI 100 Bar) 15% for ranges above 1400 PSI (100 Bar) Overpressure in excess of these values may affect calibration

Note: Non-Stock Items may require a 5 piece minimum per range, or other minimum order quantities may apply.

Note: Safety Glass not available on 25CS.

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Wet

Wet



All Stainless Steel Gauges Models 25CS • 25SS Ordering Guide 1) Case Size 8) Options 25 2-1/2" (63mm) Safety Glass (Std on 25SS, not available on 25CS). Use Code in part number. Silicone Fill* * Special Order only. Must be 2) Case Material / Style 6) Connection specified. C Stainless Steel with Crimped Bezel Ring Q 1/4" NPT Stainless Steel with Bayonet Bezel Ring 3) Element Material \$ Stainless Steel Bourdon Tube 4) Fill 7) Range / Scale **PSI Ranges** Vacuum Ranges W Wet (Glycerin Fill Standard) Code Range Code Range 0-10psi 1 -30"Hg/0# -30" Hq/0psi 10# 15# 0-15psi 5) Mounting 0-30psi** 30# **Compound Ranges** 0-60psi Code Range L Stem Mount, Lower Connected (Standard) 60# 100# 0-100psi -30"Hg/15# -30" Hg/0-15psi 0-160psi*** -30"Hg/30# -30" Hq/0-30psi 160# 0-200psi -30"Hg/60# -30" Hg/0-60psi 200# Stem Mount, Back Connected* 0-300psi -30"Hg/100# -30" Hg/0-100psi 300# 0-400psi -30"Hg/150# -30" Hq/0-150psi 400# 0-500psi -30"Ha/200# -30" Hq/0-200psi 500# Flush Mount, Back Connected, U Clamp* 0-600psi -30"Hg/300# -30" Hg/0-300psi 600# (not available on 25SS) 0-800psi 800# Metric Scales 1000# 0-1000psi -Bar, kg/cm2, kPa Flush Mount, Back Connected, Front Flange* 0-1500psi 1500# Single or Dual Ranges available (not available on 25SS) 2000# 0-2000psi 0-2500psi 1 2500# Surface Mount, Lower Connected, Rear Flange** 0-3000psi 3000# (not available on 25SS) 4000# 0-4000psi 5000# 0-5000psi * Special Order only 0-6000psi 6000# Note on all Back Connected Gauges: 10,000# 0-10,000psi 1.5", 2" and 2.5" cases are Center Back Connected 0-15,000psi 1 4" and 6" Cases are Lower Back Connected 15,000# 20,000# 0-20,000psi 1 Please Note: Non-Stock Ranges may require a 5 piece minimum per Range. 1 not available for 25CS For non-stock items a minimum of 7 weeks lead-time is required. ** In Stock for 25SS Minimum order quantities may apply. *** In Stock for 25CS Contact Customer Service for availability and additional available ranges. Example of a typical pressure gauge part number configuration: 25 600# W Q



Case

Material/Style

Element

Material

Case

Size

Fill

Mounting

Connection

Range/

Scale

Options