PALMER

All Stainless Steel Gauges Model 60SS - 6" Gauge

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

FEATURES

- Built-In Over-Range and Under-Range Protection (60SS Dry)
- · Reinforced Sector Improves Accuracy Over Life of Gauge
- · Welded Socket to Case
- · Removable Stainless Steel Restrictor
- · Durable and corrosion resistant

	Model 60SS Specifications
Case:	AISI 304 Stainless Steel in 6" (150mm) diameter. Case and socket are welded together
Fill:	Dry or Glycerin Filled. (Dry Gauges can be filled) Silicone Fill Optional.
Ring:	AISI 304 Polished Stainless Steel Bayonet Bezel
Window:	Safety Glass Standard
Socket:	Removable Stainless Steel Restrictor
Connection:	1/2" NPT. 1/4" Optional
Bourdon Tube:	AISI 316 Stainless Steel. All 6" Gauges less than 1000 PSI use a C-tube configuration. All others use a spiral tube
Movement:	304 Stainless Steel
Pointer:	Balanced Black Aluminum. Micrometer adjustable
Dial:	White Aluminum with black markings in accordance with ASME B40.1 -2005
Accuracy:	±1% on ranges below 10,000 ±1.6% on ranges 15,000 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
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 but will not damage the movement due to the

Note: Autoclave Fitting - if desired, MUST be specified with Code C at time of order, must specify Male or Female fitting.

mechanical stops. (60SS Dry only)

Blow-Out Disc - if desired, is available for Dry or Glycerin Filled Gauges only. MUST be specified with Code Y at time of order.

Contact Customer Service for availability and Lead Times.

Specifications subject to change without notice. Minimum order quantities may apply.

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



If a Solid Front Gauge is desired, please see Palmer Gauge 45TS.





















BEYOND THE SCALE

All Stainless Steel Pressure Gauge Model 60SS Ordering Guide 1) Case Size 8) Options 60 6" (150mm) C Autoclave Fitting* Safety Glass (Standard) G G1 Acrylic Lens* S Silicone Fill* 1/2" to 1/4" SS Adapter 2) Case Material / Style 6) Connection Oxygen Cleaning included on \$ Stainless Steel with Bayonet Bezel Ring H 1/2" NPT (Standard) Special Order Gauges only at time of Ordering. Q 1/4" NPT* Oxygen Cleaning of In Stock * Special Order only Gauges, call Factory. Y Blow-out Disc* 3) Element Material * Special Order only \$ Stainless Steel Bourdon Tube 4) Fill 7) Range / Scale **D** Dry **PSI Ranges** Vacuum Ranges W Wet (Glycerin Fill Standard) Code Range Code Range 10# 0-10psi -30"Hg/0# -30" Hg/0psi 15# 0-15psi 5) Mounting 0-30psi **Compound Ranges** 30# 60# 0-60psi Code Range L Stem Mount, Lower Connected (Standard) 100# 0-100psi -30"Hq/15# -30" Hq/0-15psi 160# 0-160psi -30"Hg/30# -30" Hg/0-30psi 200# 0-200psi -30"Hq/60# -30" Hg/0-60psi Stem Mount, Back Connected* -30"Hg/100# 300# 0-300psi -30" Hg/0-100psi 400# 0-400psi -30"Hg/150# -30" Hg/0-150psi 500# 0-500psi -30"Hq/200# -30" Hg/0-200psi U Flush Mount, Back Connected, U Clamp* -30"Hq/300# -30" Hg/0-300psi 600# 0-600psi 800# 0-800psi Metric Scales 0-1000psi 1000# -Bar, kg/cm2, kPa F Flush Mount, Back Connected, Front Flange* 0-1500ps 1500# Single or Dual Ranges available 2000# 0-2000psi Note: Autoclave Fitting, if desired, 2500# 0-2500psi MUST be specified with Code C at time Surface Mount, Lower Connected, Rear Flange* 3000# 0-3000psi of order, must specify Male or Female fitting. 4000# 0-4000psi * Special Order only Blow-Out Disc, if desired, is available 0-5000psi 5000# for Dry or Glycerin Filled Gauges only. Note on all Back Connected Gauges: 6000# 0-6000psi MUST be specified with Code Y at time 1.5", 2" and 2.5" cases are Center Back Connected 10,000# 0-10,000psi 4" and 6" Cases are Lower Back Connected Contact us for availability and Lead 15,000# 0-15,000psi Times. 20,000# 0-20,000psi Please Note: Non-Stock Ranges may require a 5 piece minimum per Range. 25,000# 0-25,000psi For non-stock items a minimum of 7 weeks lead-time is required. 30,000# 0-30,000psi Minimum order quantities may apply. Example of a typical pressure gauge part number configuration:



S

Case

Material/Style

Element

Material

D

Fill

Mounting

60

Case

Size

Options

600#

Range/

Scale

н

Connection