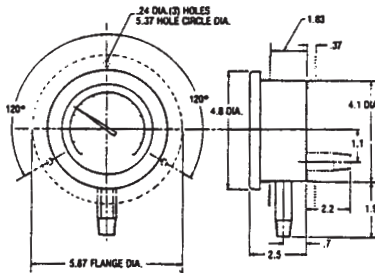




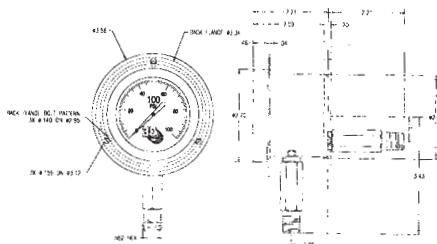
THE SIMPLICITY, ACCURACY AND RELIABILITY OF 3D INSTRUMENTS' DIRECT DRIVE DESIGN PRESSURE GAUGES ARE AVAILABLE IN 2½ INCH AND 4½ INCH STAINLESS STEEL CASES. NO GEARS OR LEVERS MEANS FEWER PROBLEMS AND LONGER SERVICE LIFE.



Series 2550 Process Gauge



4½ INCH DIMENSIONS



2½ INCH DIMENSIONS

FEATURES

- Corrosion resistant
- Water resistant
- Rugged construction
Stainless steel, electro-polished case
Acrylic crystal with positive seal
- Standard 3D quality materials
Inconel X-750 helical bourdon tube sensor
Sapphire bearings
Stainless steel connecting capillary
Stainless steel fitting
- Full product ranges
All pressure ranges
Process (2550) and test (2554 & 2555)
accuracy
- Manufactured to ASME B-40.1
- Six year warranty

APPLICATIONS

Typical applications for this robust weather and corrosion resistant gauge include:

- Corrosive environments often encountered in chemical plants
- Harsh weather in offshore locations
- Ambient and media conditions occurring near boilers, furnaces ovens and steam, Conditions often arising in steel glass, power, refineries and petro-chemical plants
- Sanitary requirements in food, beverage and pharmaceutical applications

It adds up to durability, accuracy and long run economy for the user.

The "Direct Drive Difference" in Gauges

SPECIFICATIONS

Pressure Ranges:	0-30 to 0-20,000 psig and equivalent ISO and metric scales
Compound Gauges:	30 in. Hg/0-30 psi to 30 in. Hg/0-300 psig
Vacuum Gauges:	0-30 in Hg
Receiver Gauges:	3-15 psig or 3-27 psig with square root or linear scale
Accuracy:	Series 2554: $\pm 0.25\%$ of span Series 2550: $\pm 0.5\%$ of span at mid-range, $\pm 1\%$ overall
Ambient Temperature:	- 100°F to 200°F (- 73°C to 93°C)
Dial Size:	2½ inches (63mm) (nominal) 4½ inches (114 mm) (nominal)
Operating Media:	Any media suitable for contact with 316 stainless steel and Inconel X-750
Materials:	Case 300 Series stainless steel, electro-polished Dial: 300 Series stainless steel or ABS (2.5 inch only)

Crystal:	2½ inch: Lexan (or Optional Glass) 4½ inch: Acrylic (or Optional Glass)
Flanges:	300 Series stainless steel (optional)
Sensing Element:	Inconel X-750
Fittings:	316 Series Stainless Steel 4½ inch: 1/4 inch or 1/2 inch NPT 2½ inch: 1/4 inch NPT bottom or back connect



Series 2554 Test Gauge

ORDERING INFORMATION

The 3D pressure gauge in an electro polished stainless steel case can be ordered by using the digit "5" in the last position of the part number.

Example: 25504-25B55

2550	-Pressure gauges, 0.5% accuracy (mid-range)
4	-Size of dial — 4½ inches
-25	-200 psi
B	-¼ inch NPT — male fitting
5	-no flange, bottom fitting
5	-stainless steel case

See 3D 2001 Direct Drive Catalog No. KT-014 for complete ordering information.

The complete range of flange and fitting positions as designated by the last two digits in the 3D part number are:

15	—front flange, bottom fitting, stainless steel case
25	—front flange, back fitting, stainless steel case
35	—back flange, bottom fitting, stainless steel case
45	—back flange, back fitting, stainless steel case
55	—no flange, bottom fitting, stainless steel case
65	—no flange, back fitting, stainless steel case

3D Instruments, LLC

2900 East White Star Ave., Anaheim, CA 92806 USA

Phone: (714) 399-9200 Fax: (714) 399-9221

Internet: www.3DInstruments.com E-mail: info@3DInstruments.com