







# **Pressure & Thermometer Gauges**



**Stewart-Buchanan Gauges Ltd** 

AN EMPLOYEE-OWNED COMPANY









### PRESSURE GAUGES

Stewarts manufacture a vast range of analogue pressure gauges for absolute and differential pressure. For the optimal solution for the widest range of applications, there is a choice of measuring systems in Bourdon tube, diaphragm element and capsule element technologies.

For the various requirements in industrial and process instrumentation there are pressure elements in copper alloy, stainless steel or special materials available. Unless stated otherwise all Pressure Gauges are calibrated in accordance with EN837-1 to an Accuracy of Class-1.

We have also developed a number of specialised gauges

VIBRAGAUGE® - to alleviate problems caused by Vibration; SNUBBAGAUGE® - to alleviate problems caused by Shock and Surge; Nitelitegage® - for use in Dark Areas (Luminescent Dial & Reflective Pointers).

We design and manufacture pressure gauges for customer's special requirements on request.

### SUBSEA PRESSURE GAUGES

Stewarts manufacture a range of Compensated and Non Compensated pressure gauges. We further compliment the SUBSEA range with various other types of instrumentation Chemical-Seals, Differential & Thermometers Gauges.

In catering for the needs of the subsea sector, Stewart-Buchanan are continuing to further develop products for full submersion use at various depths with increased options on standard specifications and customisable specials.

## THERMOMETER GAUGES

Stewarts manufacture a range of Bi Metal Rigid Stem Stainless Steel (with and without thermowells) & Inert Gas Distant Reading Stainless Steel thermometers in standard sizes of 63, 100 & 150 mm.

Unless stated otherwise all thermometers are calibrated in accordance with EN 13190, up to 400 deg c Accuracy Class-1; above 400 deg c Accuracy Class-2.

We also manufacture Thermowells to customer requirements. Used to protect the temperature sensors installed in industrial processes.

We design and manufacture thermometers for customer's special requirements on request.

#### **MATERIALS:**

- 316L Stainless Steel (UNS S31600 / S31603)
- MONEL® 400 (UNS N04400)
- HASTELLOY® C-276 ® (UNS N10276)
- INCONEL® 625 (UNS N06625)
- INCOLOY® 825 (UNS N08825)
- TITANIUM Gr.2 (UNS R50400)
- DUPLEX (UNS \$31803)
- SUPER DUPLEX (UNS S32760)
- HASTELLOY® C-22 (UNS N06022)
- SUPER AUSTENITIC ST.ST 6%Mo (UNS S31254)

#### **MAIN MARKETS**

Our main markets include, but are not limited to:

- Oil and Petrochemical
- Gas and Compressed Air
- Power Generation
- · Original Equipment Manufacturers (OEM)
- Food and Beverage
- Hydraulic
- Heating and Ventilation
- Test and Inspection
- Manufacturing Process



Note: Other materials available on request Optional features & extras are available.





98% of all components used in the manufacture of our products are designed, manufactured and assembled in-house









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