

Ship Building & Offshore

G21 Marine

The Seetru 'G21' Marine Tubular Gauge

The Seetru Marine gauge is designed for use within the marine and offshore industries. Due to its tubular design this gauge is suitable only for use with non-flammable liquids. For flammable liquid applications please see either Seeflex (G31) or Seemag gauges (G35).

This gauge is commonly used for the water storage and coolant tanks on board cargo ships, tugs and military vessels.

G21 Marine specifications

Maximum temperature	150 °C ¹
Maximum pressure	3.68 bar g ²
Valve materials	Brass Stainless steel
Connections	42 mm weld boss as standard Threaded and flanged connections available upon request
Seal materials	Elastomer 'O' rings
Tube material	Borosilicate glass BS 3463 or polycarbonate plastic
Guard tube materials	Brass Aluminium Stainless steel Mild steel
Lengths	To suit requirements (minimum 150 mm)
Valve types	Push button self closing valves Valveless tank return available for top connection

¹ Maximum temperature is dependant of the sight tube and seal materials selected.

² Maximum allowable operating pressure is dependent upon operating temperature and sight tube material, contact Seetru for full information.

Push-button operation

Except when a reading is being taken, the gauge is permanently isolated from the contents of the tank. To take a reading the spring loaded valve is opened by pressing a push-button. When released, the connection between the tank and gauge is automatically resealed.

Safe from external damage

Due to the design of the push-button isolation valve, not amount of damage to the gauge or external fittings on the tanks can break the liquid seals. In such an event the fluid cannot escape.

Instant dismantling and re-assembly

The gauge can be removed from the tank for cleaning or servicing while valves remain sealed and the tank remains leak-proof.

Ease of viewing

The level of colourless liquid is indicated by magnification of a coloured strip on the sight tube.

Graduation

Where a measure of the precise storage volume is required, graduated gauges can be supplied. The capacity units can either be marked on the guard tube or an engraved scale plate can be provided.

Hydraulic actuation

Hydraulic actuation can be supplied as an optional extra. This is designed to enable both push-button valves to be operated at the same time. Recommend for tall gauges where it would otherwise be difficult to operate the upper and lower push-button valves simultaneously.



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