

## Mini Caisson Gauge - 63mm Subsea 450m Gauge

63mm diameter bourdon tube subsea pressure gauge suitable for depths to 450m. The compact and robust design of this gauge means it is ideal for use on diving bells and caissons since it can be used inside or outside the bell.

Now manufactured in 316 stainless steel, the Subsea 450 Series gauge is an ideal general purpose subsea gauge suitable for all subsea applications down to 450m depth. These instruments are suitable for all gaseous and liquid media that are not highly viscous and that will not solidify, crystallize, attack or corrode brass, bronze or 316 Ti Stainless Steel.

Ashford Instrumentation Ltd have an extensive range of [subsea instrumentation](#), please click [HERE](#) for further details.



<b>Model Number</b>	DMS450 Series
<b>Nominal Size</b>	63mm
<b>Pressure Range</b>	All Standard Ranges Between 0-1 Bar & 0-1000 Bar
<b>Maximum Depth</b>	450 meters Sea Water
<b>Direct Mounting</b>	Direct Mount Bottom or Back Connection (Drawing A1142)
<b>Panel Mounting</b>	Full Diameter Screw Thread Panel Mounting Ring
<b>Working Pressure</b>	Static Load 100% (Fluctuating Load 75% FSD)
<b>Process Connections</b>	1/4" NPT Male (No Spigot)
<b>Accuracy</b>	Class 1.6% to EN837-1 (1.6% Full Scale Deflection)
<b>Ambient Temperature</b>	-20/+60C
<b>Process Temperature</b>	-20/+100C
<b>Calibration Temperature</b>	20C
<b>Temperature Effect</b>	Approximately 0.4% FSD +/-10C From Calibration Temperature
<b>Case Material</b>	316 Stainless Steel
<b>Bezel</b>	316 Stainless Steel
<b>Wetted Parts</b>	316Ti Stainless Steel, Brass / Bronze
<b>Dial</b>	White Plastic Dial With Black Markings
<b>Pointer</b>	Black Painted Aluminium
<b>Window</b>	10mm Toughened Float Glass
<b>Cleaning</b>	Degreased, Crossed Oil Can On Dial
<b>Panel Cut Out</b>	64mm
<b>Option 1 - Calibration</b>	Calibration or Test Certification To National Standards
<b>Option 2 - Oxygen</b>	Fully Oxygen Cleaned, Oxygen On Dial



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