



The TMT 2.3 litre Compensator Bottle controls the compensation oil used to maintain compensation oil pressure. The Compensator Bottle acts as a spring-loaded accumulator, to maintain a compensated oil pressure of 5psi (0.34bar) above ambient depth pressure at all times and will also allow for any temperature changes.

Many ROV electrical system components, i.e., PCBs, resistors and transformers can operate in oil; thus, reducing the number of one-atmosphere pressure bottles required. Another advantage is for where electrics-control mate with hydraulic power such as valve packs; the solenoids can be contained within an insulated oil environment and will not short circuit.

The compensated pressure is maintained slightly higher than the ambient water pressure, regardless of depth, to prevent possible intrusion of seawater.

The Compensator Bottle is easy to fill or empty, through a hand operated pump bottle and quick connect/disconnect fittings.

A pressure relief valve is fitted, preventing over-pressure.

The TMT 2.3 litre Compensator Bottle can be customised to suit most applications.

Features:

- Easy to install and remove
- Corrosion resistant materials
- Spring load
- Pressure relief valve
- Field proven

Specifications:

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|----------------------|--------------------|
| • Dimensions | 265L x200W x225Hmm |
| • Weight in Air | 3.8kg |
| • Weight in Seawater | 1.7kg |
| • Pressure Rating | 5psi (0.34bar) |
| • Connector | ½"UNO |
| • Depth Rating | Unlimited |

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