



Product description

SealCare is a compact seal water control unit, designed to ensure a continuous supply of pressurised seal water to a dual pressurised mechanical seal. In addition, SealCare is simple condition monitoring device allowing an operator to visually (and optionally electronically) monitor seal leakage and identify when a seal is leaking excessively.

Design features

SealCare uses field proven construction and is an evolution of the SafeUnit family of products.

SealCare uses a closed loop of seal water, meaning that water is only used to replace seal leakage, reducing total water consumption by up to 95%. The closed loop setup also allows direct monitoring of the seal leakage. An interruption in the seal water supply will be compensated by the stored volume in the SealCare unit, allowing seals to survive in remote environments where supply problems can occur.

Key technical information

- Direct visual monitoring of mechanical seal leakage
- Connects the seal to a pressurised seal water supply
- Closed loop ensures only water consumption is to replace by seal leakage.

- Bladder accumulator provides a stored volume to increase operational reliability.
- Built-in check valve protects seal water supply.
- An inductive alarm sensor can be provided for remote alerts of seal distress.

Performance parameters and capabilities

Pressure limit:	10 bar(g) / 145 psi(g)
Temperature limit:	99 °C / 210 °F
System Volume:	2 litre / 0.5 gallon accumulator
Housing:	304 stainless steel
PRC:	REACH, RoHS, TSCA

Provided documents

- Instruction and Operating Manual
- Drawings
- Certificate of Conformity
- 3.1 Material certificate for wetted parts