



Seal Gard™

Seal Chamber and Stuffing Box Protection

Designed to improve the mean time between planned maintenance (MTBPM) of your rotary equipment by improving the environment in the seal area.



- Dependable flow control saves water costs and reduces seal water. Used in a number of configurations to control the environment around single and dual Flowserve installations or for stuffing boxes containing compression packing and a lantern ring (cage).
- Perfect paper stock sealing system for Flowserve split seals and split flow reducers.
- Clear-view flowmeter has a vertical, tapered, acrylic flow tube that resists fouling.
- Control flows at low flush rates. A special triangular shaped port is built into the valve to control flow with a plug-resistant orifice.
- Pressure gauge is vibration resistant glycerine filled and easy to read.
- In the event of failure of seal water pressure, the standard check valve prevents backup of product into the seal water line that could damage the Seal Gard and contaminate the seal water system.
- Optional mounting bracket, alarm, tubing, and constant flow specifications listed on back page.



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Seal Gard I and II Specifications

- Flow tube Acrylic
- Metal parts 316 SS
- Fittings 316 SS
- O-rings Fluoroelastomer
- Operating temperature maximum: 66°C (150°F)
minimum: 0°C (32°F)
- Connections ¼ inch female NPT unless otherwise specified
- Accuracy ± 10%
- Repeatability ± 1%
- Valve assembly special, plug-resistant design
- Flow range up to 1.3 lpm (20 gph) or
up to 2.6 lpm (40 gph)
other non-Seal Gard meters available for higher flows
- Pressure rating 300 psig (2070 kPa) at 66°C (150°F)
- Pressure gauge standard 2 ½ inch glycerine filled 316 SS

Dual Scale Gauges:
Standard: up to 700 kPa (100 psi)
Optional: up to 2070 kPa (300 psi)
other meters and gauges available for higher pressures
- Check valve standard, 316 SS
- Tubing option **Option IA and IIA**
barb fittings, rubber tubing

Option IB and IIB
above plus quick disconnects
- Mounting Panel wall mount standard
Back plate, stand, and flange mounting optional
- Temperature gauge 2 ½ inch dry gauge 316 SS, -18 to 121°C (0 to 250°F)
- Level alarm AC or DC Proximity Sensor - specify NO (normally open)
or NC (normally closed)
Cable length, 6.5 feet
- Constant Flow Regulator 316 SS, 300 psig
up to 2.6 lpm (40 gph)

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