



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
	Standard:	Dual Scale Gauges: 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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