

The Oiler

Small Volume Chemical Injection System



Prevent bearing burnout in turbine meter systems with the Welker Original Oiler Small Volume Chemical Injection System. This compact system automatically delivers a small fixed volume of chemical—such as a lubricating oil—on a time or proportional to flow basis.



SPECIFICATIONS

THE OILER SMALL VOLUME CHEMICAL INJECTION SYSTEM

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Materials of Construction	316/316L Stainless Steel, Anodized Aluminum, Butyrate, PTFE, Nylon, Viton®
Operating Range	0–100 psig @ -20 °F to 140 °F 20–1440 psig @ -20 °F to 140 °F
Connections	Instrument Supply Inlet: ¼" FNPT Injection Chemical Outlet: ¼" FNPT
Injection Volume	0.25 cc/Stroke
Injection Chemical Reservoir Volume	250 cc
Mounting	Panel-Mount for 2" Pole or Pipe Stand
Weight	Approx. 10 lb
Dimensions	Enclosure: 10" (H) x 8" (W) x 4" (D) Panel: 12.75" (H) x 8" (W)
Operating Pressure	100 psig @ -20 °F to 140 °F 1440 psig @ -20 °F to 140 °F
Electrical Area Classification	NEC Class I, Div. 1, Groups C & D, T3C
Options	CSA Approval, Instrument Supply Regulation Package, Solenoid (DC 6 V, DC 12 V, or DC 24 V), Stainless Steel Tubing and Fittings, Welker 6Tc Timer/Controller

Features

- Rain-tight, watertight, corrosion-resistant enclosure with padlock hasp and clear cover
- Injection pump actuated by regulated process gas
- Easy-access injection chemical reservoir
- Panel-mounted
- Onboard UL listed Welker 6Tc Timer/Controller (optional)

Benefits

- Automatic consistent and even chemical injection
- Confidently inject desired chemical in aggressive environments and remote locations
- Easy on-site visual monitoring of regulator pressure and injection chemical volume
- No auxiliary pneumatic supply required
- Refill the injection chemical reservoir without opening the enclosure
- Secure system to a 2" pole or pipe stand
- System operates proportional to flow or time without an external power supply (optional)

Weight and/or dimensions are approximate.
Specifications subject to change without notice.



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