



PRODUCT OVERVIEW

The PC180 Chemical Management System (CMS) is an electronic control and monitoring system designed to augment chemical injection pumps already found on many well-sites. The CMS is compatible with almost all existing pumps, and thus retrofits on almost all well-sites.

This robust CMS system helps reduce the amount of waste during the chemical injection process by dramatically expanding the low-end range of the existing pump. It effectively manages injection rates and automatically adjusts according to changing conditions, allowing pumps to operate at optimal rates (as low as 0.5 liters/day). The PC180 is compatible with the following chemicals:

- Methanol
- Corrosion Inhibitors
- Wax Dispersments
- H₂S Scavengers
- Almost any other required chemical

KEY FEATURES

- Expands the low-end range of existing injector pumps
- Continuous injection—no need to stop, start.
- Simple installation, no local programming required
- Electric and Pneumatic options available
- Ability to set rates via pneumatic keypad interface
- Class 1, Division 1- Hazardous location approvals

SPECIFICATIONS

PF PC180	MATERIAL SPECIFICATIONS		OPERATION SPECIFICATIONS	
	Enclosure Material:	Powder-coated Steel	Supply Voltage:	6 VDC
	Zone:	0		Extremely low-draw, allowing Class1, Div 1 rating
	Groups:	IIB		
	Marking:	Class 1, Division 1	Power Supply:	Solar
	Customizable Enclosure:	Fully, upon request	Control Signal:	0.5 - 5v
	Tech Connectors:	2, but customizable	SCADA Compatible:	Yes
	Valve Compatibility:	Pneumatic and Electric	Operating Temp:	-40° to 70° C (-40° to 158° F)

APPROVALS



CSA Hazardous Locations Approvals

General: CSA 60079-0 ISA 60079-0 FM 3600
 Flame Proof: CSA 60079-1 ISA 60079-1
 Markings: Class 1, Division 1, Class 1, Zone 0, Ex/Aex ia (ia) IIB

Installation Ratings and Standards

Temperature Code T3: -40 C to +70 C
 Battery: 6.0Vdc nom.
 ET-12001-1008-001
 ET-12001-1008-002