

PUMP CLEAN PRO SYSTEM



FEATURES & BENEFITS

- Saves time and lowers maintenance
- Limits fouling and enhances sensor performance
- Cleaning, purging and pumping in one system
- User configurable automatic cleaning cycle
- Recapture feature recycles cleaning fluid
- Purging reduces clogs and buildup
- Long life, high performance pump

OVERVIEW

For harsh wastewater monitoring applications, the patented Pump Clean Pro system is the ideal accessory. This multi-component system combines automatic cleaning, purging and pumping all in one for Real Tech's 1000 series model sensors.

Cleaning is essential for optical sensors to limit fouling and improve sensor accuracy. The chemical cleaning component of the system automates the process, with configurable cleaning cycles to match on-site demands. The system utilizes compressed air or pressurized water to automatically purge the systems intake lines at regular intervals, reducing buildup or clogging.

The long life, high performance pump with large sample tubing provide reliable pumping and flow to the system for non-pressurized or open channel applications. The Pump Clean Pro system saves time and lowers maintenance while improving overall operation and accuracy for wastewater monitoring system.

MODELS

PRODUCT #	NAME	DESCRIPTION
S-229035	Pump Clean Pro System (pressurized)	Ideal for pressurized applications, multi-component system with t-strainer and check valve
S-229036	Pump Clean Pro System (non-pressurized)	Ideal for open channel or non-pressurized applications, multi-component system with foot strainer

OPTIONS & UPGRADES

PRODUCT #	NAME	DESCRIPTION
S-228176	Rinse Valve	Automatic sensor rinsing for intermittent flow
S-228175	Second Cleaning Valve	Automatic cleaning with a second solution
S-228080	Compressed Air System	For sites without compressed air
S-228125	Dual Feed Pro	Two sample water sources with one sensor

SPECIFICATIONS

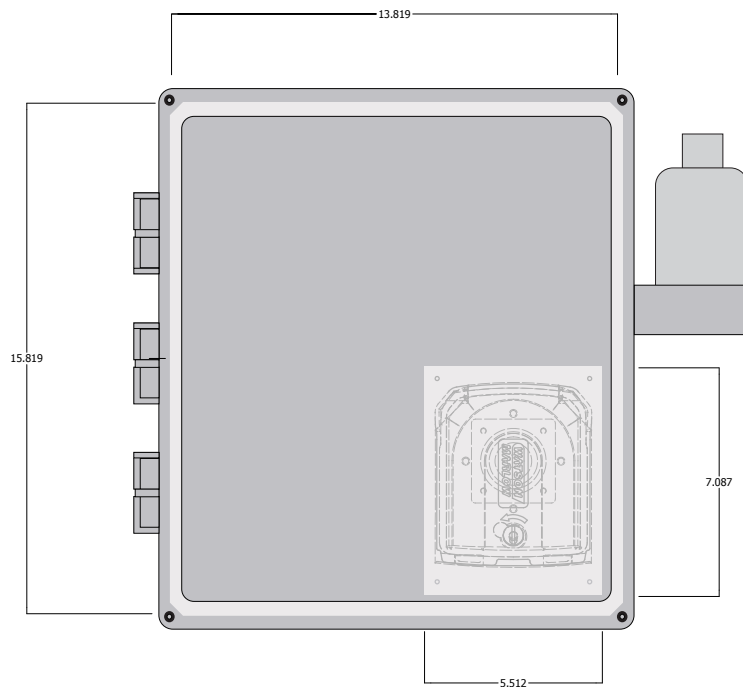
CHARACTERISTIC	TECHNICAL DATA	
Cleaning Frequency	User configurable	
Cleaning Capacity	1L storage container, cleaning fluid recapture feature reduces fluid replenishment frequency	
Intake Purge Frequency	User configurable	
Intake Line Purge Pressure	100 PSI maximum (compressed air or pressurized water)	
Alarms	Leak, Cleaning Fluid Low, Cleaning Fluid Empty, Sample Tube, No Flow, Air Leak	
Dimensions	15.82"H x 13.82"W x 9.00"D	
Enclosure	NEMA 4X, wall mountable	
Electrical/Communication	From controller	
Fluid Connections	3/8" tube push connect fittings	
Flow Rate	User configurable	
Application	Pressurized	Open channel
Sample Line Flow	500 mL/min minimum	n/a
Head Height	n/a	25 feet maximum
Horizontal Distance	n/a	100 feet maximum
Ambient Temp.	0 to 45°C (32 to 113°F)	
Water Temp.	0 to 70°C (32 to 158°F) at 21°C (69.8°F) Ambient temperature	
Weight	45 lb	
Warranty	2-year limited warranty	

* Technical Specifications are subject to change without notice.

* Water temperature range based on material compatibility only. Contact Real Tech to verify application.

DIMENSIONS

The Pump Clean Pro is installed directly on a wall, railing or system backboard.



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