

REAL CLEAN AUTOMATIC CHEMICAL CLEANING SYSTEM

..... for the

REAL UVT ONLINE MONITOR

REALCLEAN AUTOMATIC CHEMICAL CLEANING SYSTEM



KEY FEATURES:

- Long life peristaltic chemical pump
- Stainless steel 3-way valve
- Microprocessor logic control
- NEMA 4X enclosure
- Operates from 24 VDC
- User configurable cleaning cycle
- 1 L bottle for cleaning solution included
- Large capacity cleaning solution adaptable
- 25 cleaning cycle capacity
- Alarm when cleaning solution low
- Dimensions 10" H x 8" W x 6" D
- Affordable
- 2 year warranty

WHAT IS THE REAL CLEAN AUTOMATIC CHEMICAL CLEANING SYSTEM?

The Real Clean automatic chemical cleaning system can be used to ensure the performance of the Real UVT Online monitor under difficult water conditions such as hard water and water with high organic content.

The Real Clean automatic chemical cleaning system was designed specifically to chemically clean the quartz flow cell inside the Real UVT Online monitor from any form of fouling such as iron, calcium, potassium permanganate, bio-film etc. and completely eliminates the need for manually cleaning.

Cleaning cycle times are user configurable and can be set to occur automatically as often as twice a day or up to once a month. The cleaning cycle takes a total time of only 10 minutes.

When the Real Clean system is used in conjunction with the Real UVT Online monitor, the displayed and transmitted UV254 value remains static at the last value before the cleaning cycle was initiated. After the 10 minute cleaning cycle period has completed,

regular UV254 testing resumes. Therefore, there is no interruption in the Real UVT Online monitor's outputted UV254 results.

The Real Clean's cleaning cycle consists of the following steps:

- The three-way valve closes to stop the flow of water to the Real UVT Online monitor's flow cell.
- The chemical metering pump pumps enough chemical to fill the monitor's flow cell.
- A waiting period of 8 minutes is initiated for the chemical to dissolve any potential fouling.
- The three-way valve opens the flow of water to the flow cell to purge out the chemical cleaning agent.
- The water flows through the flow cell for 1 minute before the Real UVT Online monitor resumes UV254 testing.

REALTECH
INC.

PROVIDING REAL ORGANIC TESTING SOLUTIONS

WWW.REALTECH.CA
REAL TECH INC. CANADA

T. 1 877 779 2888
E. INFO@REALTECH.CA