



Keep your Wash Water Clean!!

Conductivity

Monitor and Control
Unique Electrodeless Conductivity
Range 0 to 12,000 µS

- ✓ Continuous Monitoring and Control
- ✓ Electrodeless Sensor
- ✓ Measures Conductivity and Dissolved Solids
- ✓ Tracks Turbidity and Total Suspended Solids
- ✓ ON/OFF Control
- ✓ Flow Switch or Contact input activation
- ✓ Built-in High/Low Alarm
- ✓ Recorder output 4-20 mA
- ✓ Range 0 to 12,000 µS
- ✓ Resolution 1 µS
- ✓ High Accuracy ± 1% full range
- ✓ Nema 4X Enclosed

AP100-EC



Electrodeless Conductivity Meter

In typical food process and related applications, wash water gets loaded with matter. These suspended organics can become harborage sites for microbes, create a high demand for sanitizers and other chemicals, cause process control variations, and compromise food safety and quality.

Model AP100-EC controller can automatically open a drain valve as water gets dirty, and maintain wash water quality. When the Conductivity value goes above the set point, an automatic valve is activated to release the dirty water to drain. As fresh make-up water enters the tank, it lowers the Conductivity Value. When the measured value reaches the set point, it shuts the drain valve off.

Unlike Turbidity sensors that are very expensive, cumbersome and hard to maintain, the Unique Electrodeless Conductivity Sensor is inexpensive, and requires virtually no maintenance.

It has a large display with icon based programming, and shows the current measurement value, push button set point selection, with adjustable 4-20 mA output.

A specially designed flow cell allows high flow through the system for greater sensitivity and accuracy, and the sensor may be placed in line with other water sensors.

Meter Kit Includes:
Controller
Sensor
Actuated Ball Valve
Sensor Flow Cell

Ordering Information

AP100-EC	Electrodeless Conductivity Monitor and Controller, Nema 4x, Waterproof	\$1,875.00
EATB1100	Automated Actuated Drain Valve	\$650.00
EP5-EC	Electrodeless Conductivity Sensor CPVC, 20ft Cable	\$650.00
MF-FC06-05	Manifold with flow cell for sampling and sensor	\$950.00
DL-USB-4	USB Datalogger and recorder with software for graphs, charts and reports	\$250.00
DL011	WebAlert™ Datalogging with web based remote monitoring	\$1,950.00
ALAUDIO-02	Strobe and Audio Alarm Box	\$550.00