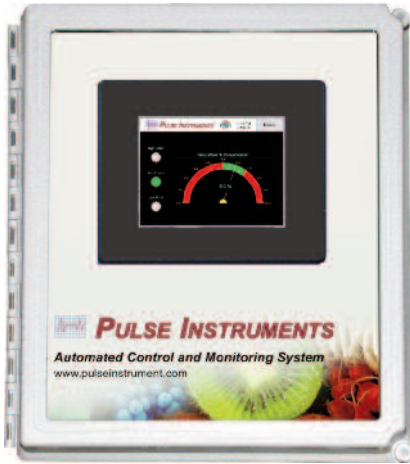


NatureSeal® Monitor and Control System



SA500 / SA550 Automatic Control System is a specialized application for maintaining the level of NatureSeal® treatment in a dip tank during normal production processing. Simple to operate, the system continuously monitors the treatment concentration with a highly specialized sensor, and the control unit automatically dispenses the right amount of NatureSeal® to maintain the proper solution strength.

Measurement

The SA500 is an advanced monitoring system, specifically designed for NatureSeal® treatment management. A small sample of NatureSeal® solution is taken from the dip tank and is transferred to the sensor. A refractive index sensing prism detects the concentration of NatureSeal® in solution, and a unique algorithm calculates the % NatureSeal® value.

- ✓ NatureSeal® Monitor and Control
- ✓ Simple to Operate
- ✓ Built-in Safety Alarm
- ✓ NEMA 4X Enclosed
- ✓ Hands Free Operation
- ✓ Built-in Data Recording
- ✓ Ethernet Network Access
- ✓ Patent Pending
- ✓ Digital Monitor & Control
- ✓ Data Recording & Management
- ✓ Specialized Sensor & Manifold

Control

The plc controlled SA500 system automatically dispenses the concentrated NatureSeal® liquid stock solution or powder in to the dip tank, and maintains the concentration at $\pm 0.2\%$. Example: If the control set point value is 6.5%, the system will turn on the feeder at 6.4% and shut off at 6.6%.

Alarm

Set upper and lower limit alarm points. When any alarm point is exceeded, a local audio and visual alarm turns ON to notify the operator. Additionally, if the system is connected to Ethernet with Internet access, it will transmit the alarm via Cell phone SMS text message up to 4 cell phone numbers, and email up to 4 email addresses.

SA550

The SA550 uses the same sensor technology with a remote management controller interface, that allows the user remote access to changing control points, alarm points, remote diagnostics, remote control and data management, and includes ePulse® service.

Ordering Information

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|--------|--|-------------|
| SA500 | Natureseal Control System with Touch Screen | \$13,500.00 |
| SA550 | Natureseal Control System with Remote Access | \$15,500.00 |
| SS500T | Stainless steel stand, pre-mounted and pre-wired | \$1,800.00 |