

# Process Sentry™ PLC System Controller



## Robust PLC controls provide complete system monitoring and control of adhesive and sealant dispensing process

From bulk unloaders, to meters and dispense valves, Process Sentry displays precise, real-time graphical representations for single or dual system control

- Large touch screen interface allows for fast, user friendly operator interaction
- Industrial PLC based controls provide simple on-screen application adjustment, eliminating the need for any software engineer involvement
- Compact controller reduces footprint for optimal floor space utilization
- Ability to custom name individual heating elements and zones, increases operator awareness and reduces training requirements
- Single communication cable between controller and meter simplifies robot and cell dress out
- System records full process data, including part IDs, actual and setpoint material dispense volumes, and fault codes
- Ethernet and USB output ports for flexible data transfers



### Controllable Equipment

#### Meters

- Pro-Meter® S
- Pro-Meter® S2K
- Pro-Meter® G
- CP System

#### Supply

- Rhino® pumps
- Pressure tanks
- Barcode readers

#### Ancillary

- Heat elements
- Swirl applicators
- Tip sensors
- Stitching valves

#### Vision Systems

- Integrated
- Independent
- Confirmation

### Compact, Feature Packed Controller

- PLC controlled, configurable software
- Allen Bradley CompactLogix
- Commercially available components
- Large, 10" high-resolution, color touch screen with standard systems
- Integrated vision controllers feature 15" high-resolution, color touch screens
- Capable of storing 16 to 256 unique part IDs
- Capacity for 60 part segments



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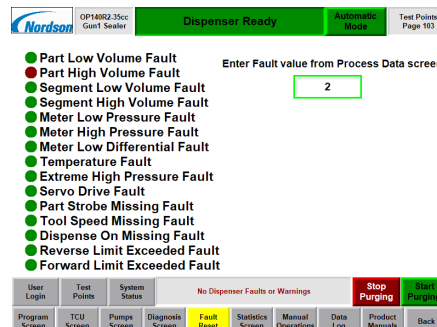
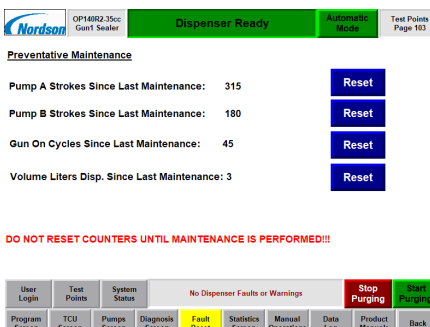
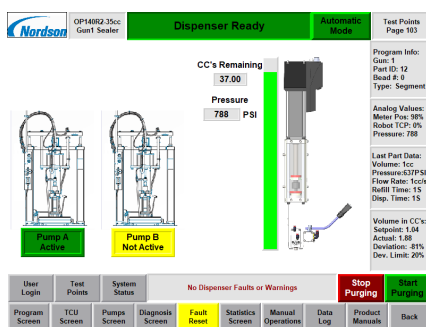
## Remote Meter Box Interaction

- PLC system interacts directly with the RMB located on the metering device
- Simple, one cable design
- All heat and process controls through one main interface

## Monitoring and Control

- Controls single, or dual metering systems
- Manages and relays automation control signals
- Records and outputs faults with source of error
- Ethernet communication

## Intuitive HMI Screens



## Technical Specification

	(H x W x D)	Single System	Dual System
<b>Standard panel - Ambient or Electrically Heated</b>		24" x 26" x 8" (61cm x 66cm x 21cm)	30" x 26" x 8" (77cm x 66cm x 21cm)
<b>TCU Incorporated</b>		36" x 32" x 8" (92cm x 82cm x 21cm)	36" x 32" x 8" (92cm x 82cm x 21cm)
<b>Power Inputs</b>		120v – 60Hz, 380v – 50/60Hz, 480v – 60Hz	

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## Why choose Nordson

In highly competitive manufacturing markets, productivity is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or outstanding customer service. We'll always be there to help maintain the new standards you've set, with expert service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

## Nordson Industrial Coating Systems

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