

# Pro-Meter® S PLC



The Nordson Pro-Meter S<sup>PLC</sup> raises the bar in the high-speed application of sealants and adhesives with innovative features that deliver invaluable time-savings and the highest quality output with exacting precision.

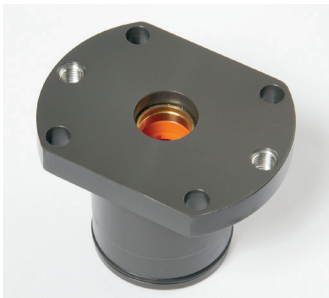
## Features and Benefits

- **Unmatched Versatility** – Positive Rod Technology is ideal for dispensing all types of materials, in all types of applications.
- **Unsurpassed Precision** – Positive Rod displacement delivers meticulous accuracy in volumetric dispensing, regardless of material type, material temperature, or material viscosity.
- **Industry-Leading Simplicity** – Design eliminates typical wear items that run length of the cylinder, and offers visual indication of eventual packing or seal failure to greatly minimize unforeseen problems.
- **Cost-Saving Durability** – Nordson's exclusive ScoreGuard® Coated Rod is an innovative, trademarked surface finish treatment that resists scratching and pitting, prolongs seal packing life, lowers frequency of service and lowers maintenance costs.
- **Assured Material Quality** – First-in, first-out design of fluid paths prevents material from being stuck in the meter for longer than its desired shelf life, which can allow expired material to be dispensed without the user's knowledge.



## Speed and precision can co-exist

The Process Sentry 3 controller uses a touch-screen display to provide precise graphic representation of the dispense system. It also controls all aspects of the dispensing equipment, including volume dispensed, system pressures, cable continuity and component function.



### Quick Change Packings

*Seals do not have to be individually removed from the meter, but instead are removed as one assembly, and replaced in the same, simplified, manner.*

## New technology unlocks new possibilities in performance

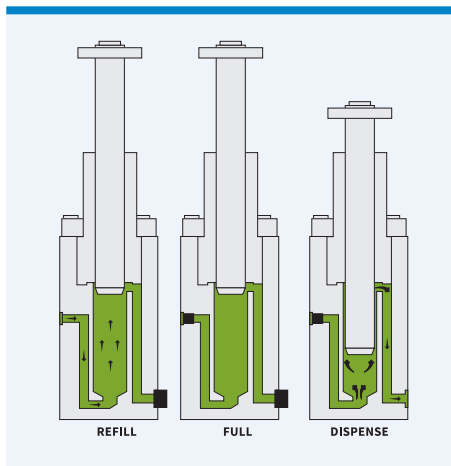
The new servo actuator on every Pro-Meter S<sup>PLC</sup> can change speed mid-stroke to adjust to bead width changes or robot speed changes. Start and stop on the fly to provide accurate dots and daubs quickly move even the thickest materials to maintain desired pace of dispensing process. Produce multiple precise shots in succession before the need to reload, resulting in lower cycle time and increased productivity.



## Industry's best just got better

The Pro-Meter S<sup>PLC</sup> boosts your productivity even more with the industry's simplest installation and maintenance. With features like quick change packings that allow you to easily swap out the meter's worn onboard packing cartridge, and a streamlined dress-out and integration process for incredibly fast installation, the Pro-Meter S<sup>PLC</sup> boasts a list of features that all add up to extremely low downtime.

- Innovative split coupler allows for faster removal of plunger rod
- Maintenance no longer requires the movement of the actuator, resulting in increased speed and safety
- Can be serviced while on a robot pedestal
- Requires only three Allen wrenches for service, no special tools
- Replacing seals and packings can be done at service technician's leisure



### Material Flow Cycle

*The Pro-Meter S is filled by positive material pressure supplied by a Rhino® bulk unloader. The design also allows the first material in to be the first out, eliminating packing out of material.*



### Increasing productivity—it's about time.

Power down meter	30 seconds
Remove protective guard (six bolts)	3 minutes
Remove coupler (two bolts)	2 minutes
Remove plunger rod	1.5 minutes
Remove packing cartridge (four bolts)	4 minutes
Insert new packing cartridge (four bolts)	2 minutes
Insert plunger rod	1.5 minutes
Connect coupler (two bolts)	2 minutes
Apply protective cover (six bolts)	3 minutes
Power up meter	30 seconds

	Pro-Meter S only				Pro-Meter S and RMB			
	Length A	Depth B	Width C	Weight*	Length A	Depth D	Width E	Weight*
Pro-Meter S15 PLC	25.6"	10.7"	7.4"	30 lbs	25.6"	10.7"		53 lbs
Pro-Meter S35 PLC	33.6"	10.3"	6.7"	37 lbs	33.6"	10.3"	13.1"	60 lbs
Pro-Meter S100 PLC	35.7"	12.2"	7.9"	69 lbs	35.7"	12.2"	13.3"	92 lbs
Pro-Meter S165 PLC	44.2"	13.5"	8.1"	130 lbs	44.2"	14.2"	15.5"	160 lbs
Pro-Meter S300 PLC	51.9"	13.5"	9.9"	154 lbs	51.9"	14.2"	17.3"	187 lbs

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