



Precision.  
As Standard.

## Pro-Meter® 2K Series

Positive Rod Displacement  
Metering, Mixing and Dispensing System

# Dependable Dispensing



## Pro-Meter 2K Series

Positive Rod Precision as Standard.

### Big On Reliability

- Positive rod displacement metering proportions materials to the exact volumetric ratio time and time again; even with notoriously difficult materials like abrasives that can cause machine wear.

### Performance By Design

- It's what goes into the Pro-Meter 2K Series that makes what comes out so accurate and predictable. Nordson dispensing expertise, engineered solutions capabilities, and innovative product design are the ingredients that make Pro-Meter the flexible solution to your 2 component metering needs.

### Massive On Precision

- Field proven in over 10,000 diverse industry applications, Pro-Meter keeps you in production and on-ratio day after day.

# Fixed Ratio Metering, Mixing & Dispensing System

With an innovative design and tough construction, our Pro-Meter 2K range won't let you down when you need to get the job done – without compromising on quality or production speed, whatever you throw in the mix.

## Accurate

Uses electronic pressure monitoring to ensure consistent process parameters, part to part

## Flexible

Shot size and flow rate adjustment available on Servo Drive versions

## Low Maintenance

Heavy duty packings and seals minimize wear and increase lifespan in tough manufacturing environments



## On-Ratio

Power inlet and outlet valves eliminate material bypass and ensure ratio precision and consistency

## Durable

Dispense abrasive or filled materials with no loss of accuracy

## Dependable

Rods do not touch cylinder walls, reducing wear and downtime

## Drive Options To Suit Your Application Need

**Servo Drive** enables dispensing of precision beads and precise dispense volumes. When dispensing a bead, the servo speed (flow rate of material) is correlated to the tool tip speed of the motion platform that presents the product. This allows for variable material flow rate on straight beads, corners or circular paths and prevents “puddling” of material when the robot slows down to change course. When dispensing a specific shot volume, the servo speed can be profiled to allow for slow filling at the beginning of the dispense cycle and faster filling as the part fills with mixed material.

**Air-Over-Oil Drive** can be used to dispense an infinite dispense volume, using a totalizing program, where the meter dispenses multiple shots per stroke of the meter, until the dispense volume is achieved. Air-Over-Oil also allows for “jogging” through a dispense volume. This is essentially turning the dispense on and off throughout the total programmed dispense cycle, until the total volume is achieved. The flow rate is fixed and not variable, but precisely controlled using hydraulics.

# Specification

## Technical Specifications

Model:	H2K	A2K	D2K
Drive Type	Air-Over Oil	Servo	Dual Servo
Metering Principle	Positive Rod Displacement		
Applications	Potting	Potting or Bead	
Viscosity Range	Liquid to paste		
Ratio Range	1:1 to 10:1		
Shot Size Range	Up to 221 cc at 1:1 ratio		
Fixed Flow rate	Y		
Variable Flow Rate		Y	Y
Multiple Shot Output Per Cycle		Y	Y
Independent Speed Control of Dissimilar Materials			Y
Up to 255 Programmable Dispense Volumes	Y	Y	Y

## Give your production more options

**From epoxy to thermal paste, silicone to acrylic, we dispense it all.**

### Rhino Bulk Unloaders

Need to increase production throughput and reduce material costs and waste? Dispense material in bulk with Rhino bulk unloaders, the perfect high-capacity partner for the Pro-Meter V2K.

### Pro-Meter V2K

A compact, cost-effective and precision 2 component meter that's big on reliability and massive on precision. Featuring positive rod displacement technology, important when accuracy is vital and performance is essential.

### Comprehensive Dispense Valve Range

1-Part or 2-Part, auto or manual, we have the right valve for every dispensing application, from epoxy to thermal paste, silicone to acrylic.



Find out more at:  
[www.nordson.com/Pro-Meter2KSeries](http://www.nordson.com/Pro-Meter2KSeries)

## Nordson expertise is always here when you need it

Our infrastructure provides fast access to factory trained engineers when you need support. Plus, our global parts supply chain means you can always source the parts you need to put things right – fast.

In highly competitive manufacturing sectors, accuracy is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or after sales service that enables you to maintain the highest standards, maximize productivity and work even more efficiently. Precisely why manufacturers who demand quality they can rely on, always specify Nordson.



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