



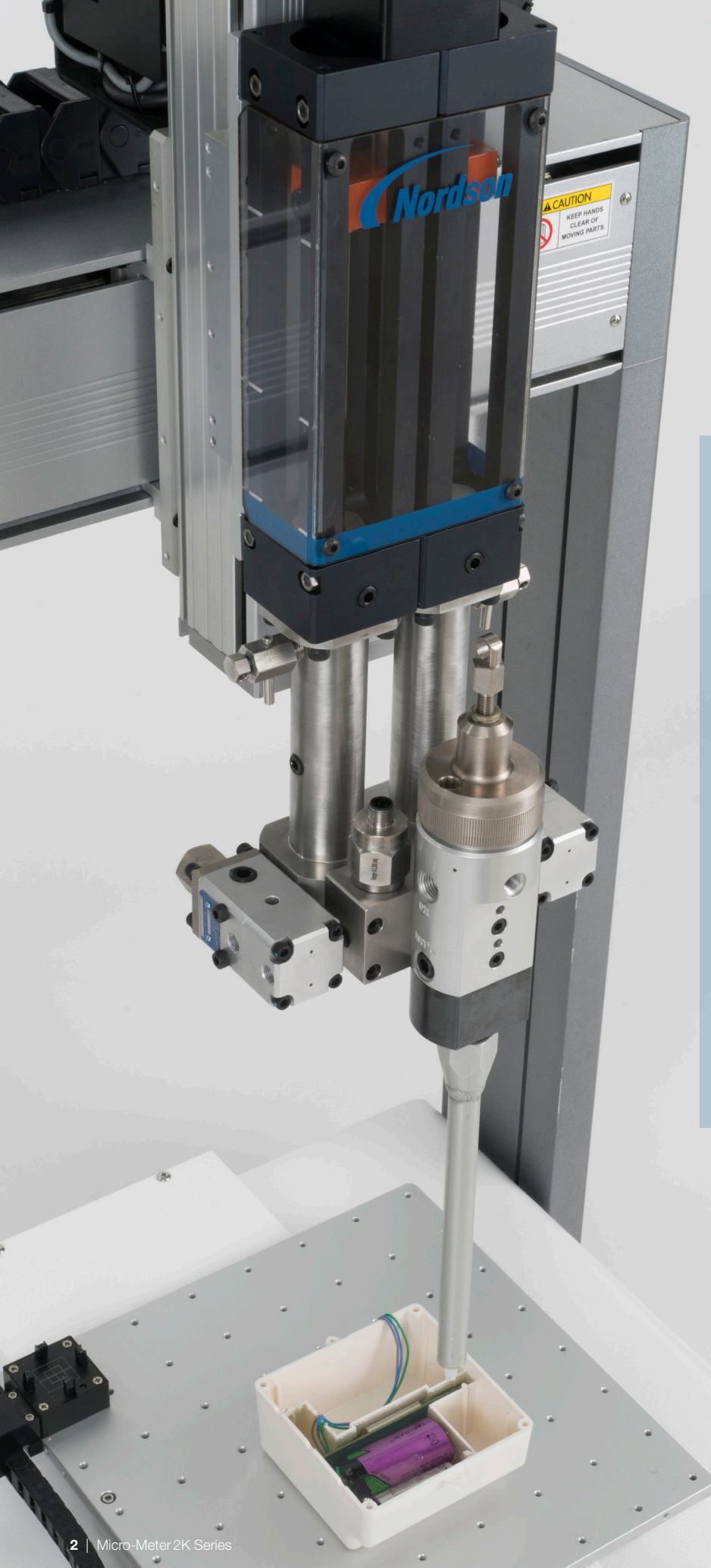
Two-Component Dispensing Made Easy

Micro-Meter 2K

Precisely repeatable two-component
metering series to meet tight-tolerance
manufacturing requirements – simple
to configure and easy to maintain


Nordson
SEALANT EQUIPMENT

Performance by design



Series of durable two-component meters for dispensing 0.10 to 25 cc volume shots of material, up to 1,500 psi or 15 cc per second

- High Ratio and Volume Repeatability to Enhance Production Quality
- Simple to Install, Operate and Service to Prevent Manufacturing Downtime
- Compact, Light and Agile to Fit in All Production Environments

Micro-Meter[®] 2K Series

Always on Point

For potting, encapsulating, gasketing, micro-dispensing, composite filling or structural bonding two-component materials up to 750,000 cps, the Micro-Meter is a proven leader across a wide range of general industries including aerospace, battery, electronics and medical.

Multiple Drive Options

Providing basic or advanced actuation and control methods to meet customer application needs for material thickness variations, bead pattern complexity, power factor requirements and production speed demands.

Simple Air Purge

Quick-access air bleed valves are located at the top of the metering cylinder, enabling easy air purge during initial wet-out or material pail changes, reducing operator involvement.

Enclosed Lubrication Chamber Prolongs Life

Guaranteed lubrication of metering rod, bearing and seals allow automation freedom in any position, even when mounted upside down or on a robot.

Featuring positive rod volumetric displacement for guaranteed repeatability on every application, and an innovative, modular design that enables robotic efficiency, process flexibility and straight-forward maintenance, the **Micro-Meter family makes two-component dispensing easy.**

Positive Rod Metering

As the rod moves through the material, the exact volume is displaced to the perfect volumetric ratio time and time again, ensuring production quality.

Volume-Optimized Cylinder Provides Better Control

Two pre-set stroke-starts position options optimize the material volume, ensuring every dispense is as efficient as possible.

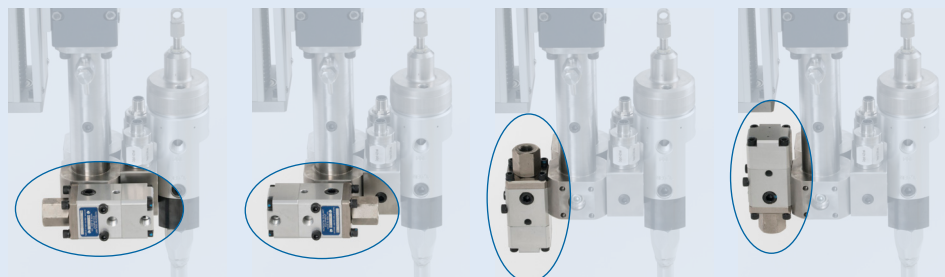
Multiple Material Capabilities

Specially designed material flow path paired with positive rod displacement allows for long life while dispensing thin or thick materials, even with abrasive qualities.



Flexible Inlet Valve Design

Configurable material inlet valve orientation enables easy and simple hose dress-out and routings. This permits fast installation and retro-fits to existing installations to reduce unnecessary strain on a robot.






Rear

Front

Topside

Underside

Technical Specifications

Model	Micro-Meter P2K	Micro-Meter A2K	Micro-Meter D2K
Micro-Meter			
Ratio Range (volume)	9:1	10:1	12:1
Ratio Design	Fixed	Fixed	Adjustable
Viscosity Range	Flowable liquids (1 to 200,000 cps)	Liquids and pastes (1 to 350,000 cps)	Liquids and pastes (1 to 750,000 cps)
Volumetric Output (1:1)	0.50 - 25.00 cc	0.25 - 25.00 cc	0.10 - 25.00 cc
Working Pressure	Up to 1,500 psi (103 Bar)		
Dimensions (H x W x D)	28.0" x 7.5" x 6.0" (71.12cm x 19.05cm x 15.24cm)	31.0" x 7.5" x 6.0" (78.74cm x 19.05cm x 15.24cm)	31.0" x 7.5" x 6.0" (78.74cm x 19.05cm x 15.24cm)
Weight (dry)	24.1 lb (10.9 kg)	29.8lb (13.5 kg)	38.6 lb (17.5 kg)
Flow Rate*	10cc/sec	15cc/sec	20cc/sec
Flow Rate Type	Constant	Adjustable and variable	
Volume Repeatability**	1.0%	1.0%	0.5%
Ratio Repeatability**	2.0%	1.0%	1.0%
Drive	Pneumatic	Linear servo	Dual linear servo
Positive Rod Displacement	Y	Y	Y
Dispense Type	Shot capable	Shot capable Bead capable	Shot capable Bead capable
Robotic Speed Adjustment		Y	Y
Suitable for Wide-Ratio Materials		Y	Y
Suitable for Extremely Dissimilar Viscosities Between Resin and Catalyst			Y

* Flow rate is dependent on material viscosity and temperature | **Repeatability is dependent on material and material supply equipment.

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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.

Performance by design

Nordson SEALANT EQUIPMENT

Wixom, MI, USA

Phone: +1.248.412.7920

Email: SealantSales@nordson.com

www.nordson.com/nse

 /Nordson_Coating  /SealantEquipment

 /company/nordson-industrial-coating-systems

