

Micro-Meter[®] D2K

Dual linear-servo two-component dispensing meter



Dual servo-driven two-component metering system

The Micro-Meter 2K series is a family of durable two-component meters for dispensing small volumes of material with precision ratio and volumetric output control. The Micro-Meter D2K is a small, light and easy-to-mount two-component meter that does not sacrifice any volumetric accuracy in the dispense process.

Powered by Positive Rod Precision

- **Massive on precision** – Positive rod displacement metering technology proportions materials to the exact volumetric ratio specified by manufacturers, time and time again.
- **Application flexibility** – Configurations provide flexibility to accommodate changes in application or material requirements. Dual servo-drive option combines adjustable and variable flow rate with positive rod-driven repeatability in shot or bead output.
- **Control** – Pre-pressure of both the resin and catalyst materials results in the best mix control and reduces any lead-lag issues of mixing thick and thin materials.
- **Adjustability** – Ratio changes can be supported through software inputs with no changes to hardware, allowing cure time and hardness to match the application needs with ease.

Robotic Advantage

- **Simplified mounting plate** requires only six bolts
- **Basic service procedures** do not require removal from the robot
- **Dowelled assemblies** assure reassembly does not create robotic offset needs
- **Optimized hose routings** with inlet valve orientation options
- **Grease zone** allows robotic movement and inversion without dripping lubrication

Application Capabilities

- Potting
- Bonding
- Encapsulating
- Composite
- Gasketing
- Micro-Dispense



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SEALANT EQUIPMENT

Micro-Meter D2K Dual linear-servo two-component dispensing meter

System Specifications

Metering principle	Positive rod displacement
Ratio range (volume)	12:1
Ratio design	Adjustable
Viscosity range	Liquids and pastes (1 to 750,000 cps)
Volumetric output	0.10 - 25.00 cc
Working pressure	Up to 1,500 psi (103 bar)
Flow rate	15 cc / sec
Flow rate type	Adjustable and variable
Volume repeatability	0.5%
Ratio repeatability	1.0%
Drive	Dual linear servo
Dispense type	Shot capable Bead capable
Robotic speed adjustment	✓
Suitable for wide-ratio materials	✓

Physical Size

Height	31" (78.74 cm)
Depth	6" (15.24 cm)
Width	7.5" (19.05 cm)
Dry weight*	38.6 lb (17.5 kg)

*Dry weight includes stainless steel valves.

Micro-Meter D2K pictured on XYZ table. XYZ table not included in dimensions.



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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.

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