

Angstrom Meter

Single Servo Drive Meter System



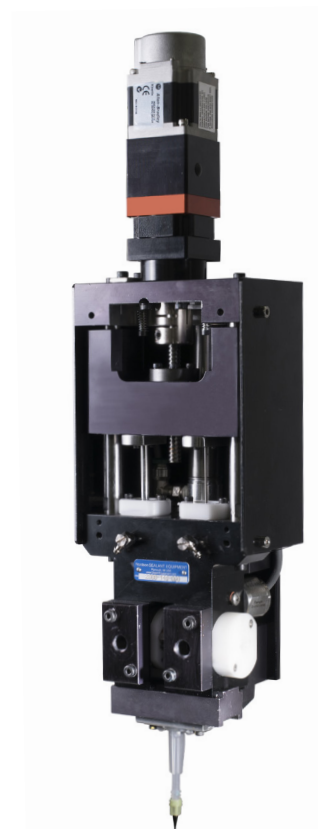
Positive Rod Displacement, Fixed Ratio Meter, Mix, and Dispense System

System Specifications

Metering Principle	Positive Rod Displacement
Drive Type	Single Servo
Material Delivery	Shot or Bead
Shot Size Range	Up to 1.2 cc at 1:1 Ratio
Ratio Range	1:1 up to 10:1
Viscosity Range	Viscous Liquid to Light Paste
Supply Type	Cartridge, Pump, or Tank

Application Solutions

- **Electronics and Electrical**
- **Lighting and LED**
- **Handheld Devices**
- **Mobile and Small Computing Devices**

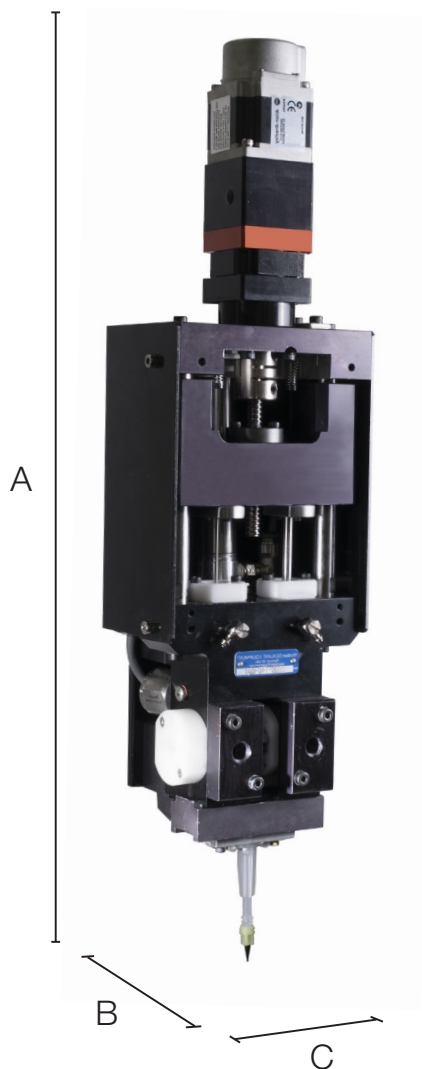


Benefits

- **Longer Lifespan**
 - Heavy duty packings and seals minimize wear and increase lifespan
 - Hardened meter rods never touch meter cylinder walls to reduce the need for preventative maintenance over time
- **Quality Dispensing**
 - Positive rod displacement metering combined with servo drive technology proportions materials to the manufacturer's exact volumetric ratio
 - Controlled flow rate and mixed material dispense volumes meet customer specifications
- **Exact Consistency**
 - Power inlet and outlet valves eliminate material bypass and ensure ratio precision and consistency
 - Single acting rod displacement for pulse free material dispensing

Features

- Lightweight and compact design allows for close proximity to application point
- Ideal for automated work cell environments
- No material hoses, no dispense valve
- Constant or variable flow rate
- Constant or variable bead diameter
- Shot size and flow rate adjustment using HMI
- Low cost repair and easy maintenance
- Does not use check valves
- Uses ball screw technology
- Less exposure to off ratio conditions
- Uses electronic pressure monitoring to ensure consistent process parameters part to part
- Ideal for extremely small dispense volume applications



System Specifications

Height (A)	17" (43 cm)
Depth (B)	4.5" (11.5 cm)
Width (C)	5" (13 cm)
Weight	11 lbs. (5 kg) Machine only, without material, valves, fittings, hoses, etc.

Technical Data

Ratio	Volume (max)**
1:1	1.2 cc's
2:1	0.9 cc's
4:1	0.72 cc's
6:1	0.69 cc's
8:1	0.65 cc's
10:1	0.6 cc's

*Estimate only. Material ratios and viscosities will affect actual meter capability.
+Consult your Nordson representative with application specifics for accurate meter capabilities.

Available Options

Floor mount stand
Bench top mounting stand
Remote plate mounting

*Consult your Nordson representative for additional options.

For more information, speak with your Nordson representative or contact your Nordson regional office.

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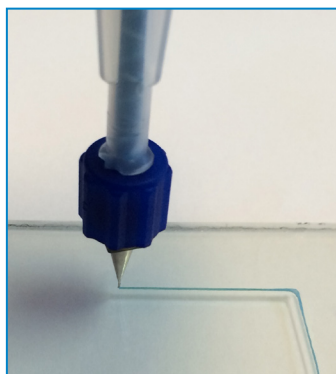
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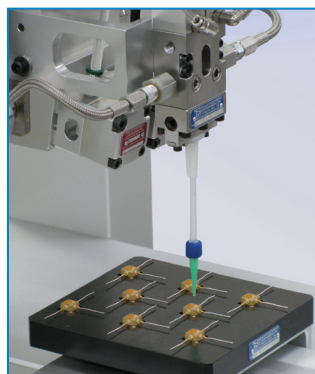
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Micro Gasketing



Micro Bead Dispensing



Micro Encapsulating