

# WM 710 Adhesive Dispensing Pneumatic Gun



*High-flow cold adhesive gun provides sharp cutoff for intermittent and continuous production.*



The Nordson WM 710 pneumatic bead gun features an innovative reverse-needle stroke function to produce excellent adhesive cutoff. The integrated needle and seat closes against the direction of material flow. This causes excess material to be pulled back into the gun significantly reducing nozzle dripping.

The WM 710 pneumatic gun is ideal for slot nozzle applications and low- to medium-speed intermittent packaging, corrugated, and bag-and-sack manufacturing. Fast air-open, air-close gun operation complements clean cutoff to provide reliable pattern uniformity.

Gun cycle times of 10.5 milliseconds (12.7 W) or 12 milliseconds (5.4 W) and a minimum service life of 30 million cycles deliver reliable response and long service life.

## **Efficient operation improves pattern and product quality.**

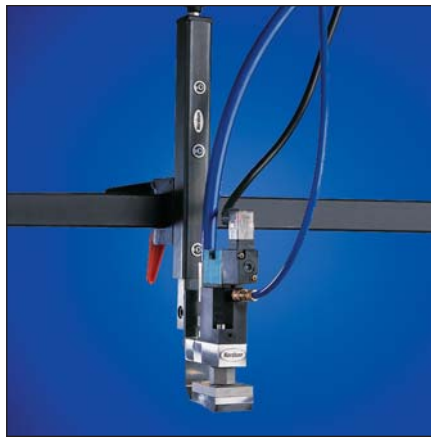
- **Reverse-needle stroke action** delivers accurate cutoff and retards adhesive build-up on the nozzle.
- **Integrated needle-and-seat design** improves adhesive flow.
- **Narrow body profile** fits easily on most parent machinery and slot nozzles.

- **Compact vertical gun-mount bracket** simplifies installation and service.
- **Vertical micro-adjust control** facilitates critical gun positioning.
- **Efficient control piston** handles a wide range of adhesive types and viscosities.
- **Removable gun cartridge** expedites servicing without bracket disassembly and time-consuming repositioning.
- **Quick-disconnect air fitting and pre-mounted solenoid** speed installation.
- **Corrosion-resistant materials on all wetted components and a stainless-steel needle** help prolong gun life.

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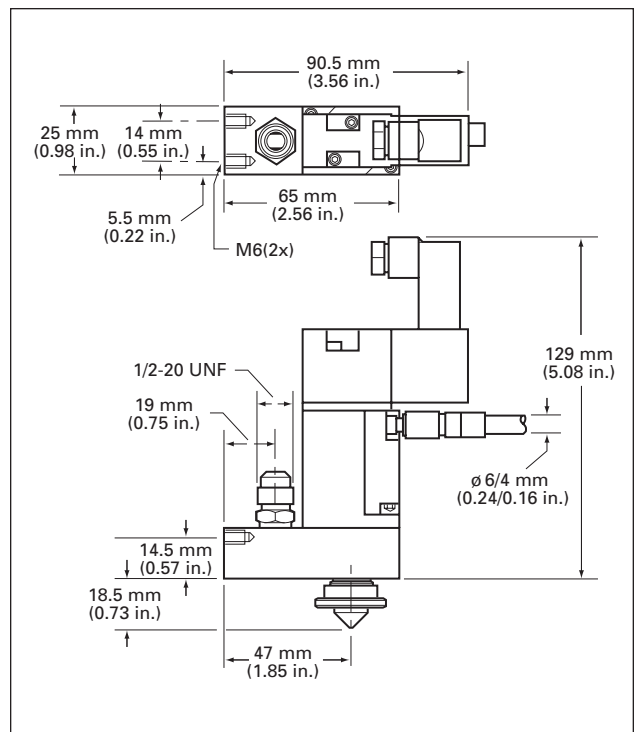
Efficient gun-mount bracket provides vertical micro-adjustment for critical positioning.



A wide selection of nozzle orifice diameters and pattern plates meets diverse pattern requirements.

## Specifications

<b>Working Hydraulic Pressure</b>	36 bar (529 psi)
<b>Maximum Hydraulic Pressure</b>	100 bar (1470 psi)
<b>Operating Air Pressure</b>	0.5 to 6 bar (7 to 88 psi), 4 bar (59 psi) recommended
<b>Minimum Cycle Time*</b>	10.5 ms (12.7 W), 12.0 ms (5.4 W)
<b>Nozzle Diameter Range</b>	0.3 to 1.5 mm (0.012 to 0.059 in.)
<b>Pattern Coating Width</b>	Up to 100 mm (3.94 in.)
<b>Connection Fitting</b>	1/2-20 UNF
<b>Electrical Service</b>	230 VAC, 50/60 Hz, 24 VDC or 110 VAC solenoid
<b>Weight</b>	0.45 kg (1.0 lb)



\* Cycle times based on an adhesive viscosity of 900 centipoise. Actual cycle time will vary depending on adhesive viscosity and characteristics.



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