

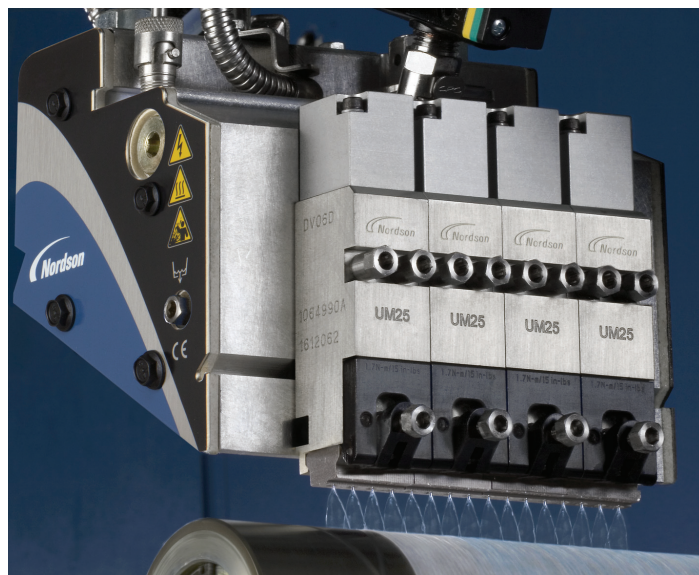
Universal™ UM25 Module

Improve dispensing performance and reduce maintenance and inventory costs.

Universal UM25 module:

- Reduces maintenance costs with rebuildable modules
- Simplifies service with less downtime
- Minimizes inventory costs with single-platform design
- Accepts numerous dispensing technologies

The Universal UM25 module improves dispensing performance with accurate hot melt adhesive delivery. A flexible design provides compatibility with Universal applicators and existing HMS applicator installations. A flexible design provides compatibility with Universal applicators and accepts numerous dispensing technologies, including Summit™, CF®, Signature™, SureWrap® and MiniBead nozzles.



Universal applicator with UM25 modules and Universal Summit nozzles

The pneumatically-actuated 25-millimeter-wide module includes an innovative seal cartridge that significantly simplifies in-house rebuilding to help reduce maintenance costs and improve service life. Individual kits are available for on-site seal replacement and major sub-component rebuilding. Nordson also offers economical rebuild services through the ESP™ Equipment Services Program for factory-quality rebuilding.

Common Universal parts minimize inventory costs and simplify service. A patented single-screw clamp permits quick nozzle replacement, enabling fast changeovers and trouble-free cleaning. Compatibility with the OptiStroke™ needle stroke detection system reduces product waste and confirms hot melt adhesive dispensing performance.

Universal™ UM25 Module

Specifications

Module Width	25 millimeters
Nozzle Compatibility	Universal nozzles and adapters
Operating Temperature	70° to 205° C (160° to 400° F)
Working Hydraulic Pressure	13.8 to 55.2 bar (200 to 800 psi)
Maximum Hydraulic Pressure	89.6 bar (1300 psi)
Maximum Hydraulic Flow	110 grams per minute at 10,000 centipoise, 14 grams per square meter at 300 meters per minute
Actuation Air Pressure ¹	4.1 bar (60 psi) recommended
Cycle Rate ²	Up to 2,500 cycles per minute or 24 milliseconds for on/off cycle
Control Voltage	Depends on solenoid used

Notes:

¹ Oil-free air must be used.

² Maximum number of cycles depends on operating and control air pressures and adhesive viscosity.



Proven valve technology helps maximize productivity with reliable, consistent hot melt adhesive dispensing.



Individual rebuild kits for on-site seal and major sub-component replacement reduce maintenance costs.



Replace nozzles quickly with patented single-screw clamp.

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

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