

ASYMTEK NexJet NJ-8 Jetting System*

Advanced Jetting Technology – As Easy As Ready, Set and Jet

Features and Benefits

- Easy to Use – Two-piece RediSet[®] Jet Cartridge is quickly removed for easy cleaning or replacement, saving time and money
- Flexible – Innovative design widens process window to support a broad range of fluids and applications
- Fast – Increases UPH while maintaining jetting precision
- Experience – Decades of jetting experience drives the design
- Integrated Solution – Available on all Nordson ASYMTEK dispensing systems

Easy to Use. Valve maintenance and cartridge changeover is quick and easy with the new RediSet Jet Cartridge system. The NJ-8 actuator never needs to leave the dispense system. A patented feature of the RediSet cartridge is that it can be removed from and re-installed into the NexJet 8 as a single-piece assembly in seconds. Once the cartridge is removed, it splits into two pieces, exposing the entire fluid path for fast and verifiable cleaning. Individual components can be further disassembled to replace worn parts, reducing the overall cost of ownership.

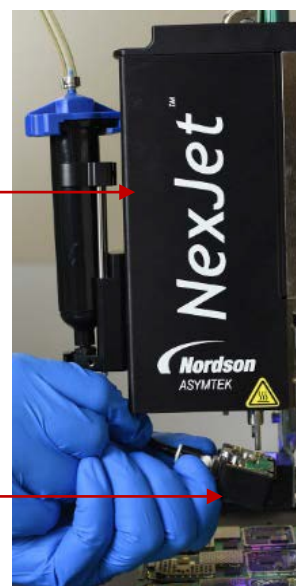
The RediSet Jet Cartridge is available in a wide range of sizes for a wide range of dot weights. Each NJ-8 jetting system includes two RediSet Jet Cartridges, so one can be used in production while the other is cleaned.

Flexible. With its unique dual-pneumatic design, the NexJet 8 Jetting System dispenses a large range of fluid types for an increased range of applications. Fluid ejection velocity is controlled by software settings, allowing process engineers to fine tune application parameters specific to each fluid's characteristics, reducing satellites and accumulation.

NexJet[®] 8
Actuator



RediSet Jet
Cartridge



Fast. As the leader in jetting technology, Nordson ASYMTEK designed the NexJet 8 Jetting System to meet the varied fluid dispensing needs of today's fast-paced, hi-tech manufacturers. With its high frequency pneumatic actuation, the NJ-8 can run continuously at peak frequency and reduce cycle time by as much as 50 percent while maintaining jetting precision.

Experience. With decades of jetting experience and thousands of jets currently in production, we are committed to providing innovative solutions for all dispensing needs. Our global support network, including state-of-the-art application development labs, provides world leading know-how and application expertise.

Integrated Solution. The NexJet 8 Jetting System fully integrates with patented closed-loop process controls contained in Nordson ASYMTEK's Fluidmove[®] software; providing a one-stop shop for your production process. ASYMTEK's closed-loop controls enable successful results with a full range of low- to high-viscosity fluids and ensure stable and repeatable results for high-yield production.

**Patents Pending*

NexJet NJ-8 Jetting System with Readiset Jet Cartridge Specifications

Typical Applications

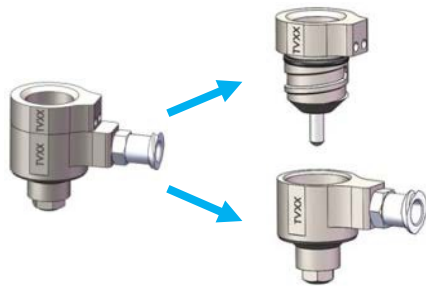
CSP, BGA, PoP Underfill
Encapsulation
Precise Coating
Adhesive Dispensing

Versatile NexJet 8
Jetting System supports
a broad range of
applications and fluids



Actuator and Cartridge

Size:	35W x 230H x 130D mm
Reservoir sizes:	3 cc, 5 cc, 10 cc, 30 cc, 2.5 oz, and 6 oz
Max. cycle frequency:	300 Hz
Min. valve air pressure:	483 kPa (70 psi)
Max. heater set point:	100° Celsius
Cartridge changeover time:	~30 seconds
Cartridge size:	Available in a range of cartridge sizes for targeted dot weights
Consumable Parts:	Readiset Jet Cartridge and fluid feed tube
Platform compatibility:	Spectrum® II, Quantum®, and DispenseMate® series dispensers



Readiset Jet Cartridge



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