Spraying Systems Co.®
Experts in Spray Technology



PulsaJet® 10000

Automatic Spray Gun designed for accurate spray placement and spray pattern integrity in high-speed or low capacity applications.

Specifications

Electronically-activated hydraulic atomizing valve
Cycle duration from 6 milliseconds to continuous spray
High-flow version accepts standard UniJet® tip sizes from -015 to -03 capacity Request Catalog 60B for UniJet spray tip specifications.
Low-flow version accepts standard UniJet® tip sizes up to -01 capacity Request Catalog 60B for UniJet spray tip specifications.
Mounting on the front, sides or back with #8-32 UNC threaded screws
Includes 13' of polyurethane-jacketed cables; 3-pole, female M8 threaded style; thread is constructed of nickel-plated brass
Wetted parts are constructed of stainless steel, Ryton® or Peek for maximum chemical resistance; seals are Viton®
Power: 24VDC actuation, .36 AMP
Inlet connection: 1⁄8" NPT or BSPT
Maximum pressure: 100 psi (7 bar)
Maximum fluid operating temperature: 200°F (94°C)
Weight: 9 oz. (.26 kg)

Benefits

- Fast on-off operation (pulse width modulation) accurately controls flow rate while maintaining spray pattern integrity

  Pulse width modulation is the fundamental principle that allows a significant reduction in flow by regulating the on/off time that the valve operates. Short pulses of on-time and longer pulses of off-time produce a spray pattern that appears continuous but actually reduces the overall flow delivered to the target surface.

- Provides unlimited flexibility in the design of high-speed, low-capacity spray applications
- Compact, lightweight design
- High- and low-flow versions provide a wide range of spray capacities
- All wear parts are easily accessible from the front for minimum maintenance downtime
- Optional mounting assembly available

Request data sheet 50935 for more information.

Typical Applications


Coating


Sealing


Marking

Moisturizing
Lubricating
Robotics



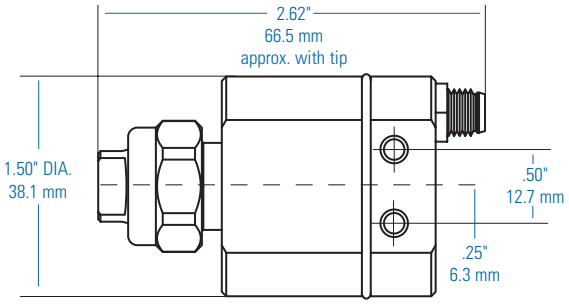


PulsaJet 10000 and the
Model 2250 AutoJet® Spray Controller

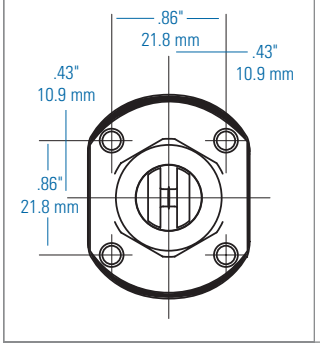
When paired with our Model 2250 AutoJet Spray Controller, the PulsaJet 10000 is capable of operating at extremely high speeds up to 10,000 cycles per minute. The Model 2250 Controller provides much faster response times than comparable PLCs, which is critical for very precise conveyor belt spraying and for tight control of the anticipator/follower feature of automatic spray guns.

Descriptions

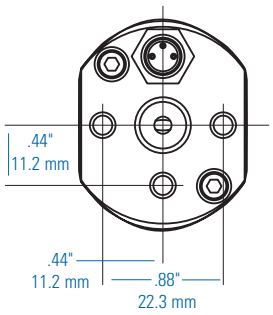
Side View



Front



Back



Ordering Information

High Flow	High Flow Metric
AA10000AUH-**H** GUN TYPE — HIGH FLOW	AA**B**10000AUH-**H** METRIC GUN TYPE — HIGH FLOW
Low Flow	**Low Flow Metric**
AA10000AUH-**L** GUN TYPE — LOW FLOW	AA**B**10000AUH-**L** METRIC GUN TYPE — LOW FLOW

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Spray Nozzles | Spray Control | Spray Analysis | Spray Fabrication

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ISO 9001 Certified by BVQI 14001

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