



## Quantum™ Cold Glue Valves

Leary's **Quantum** cold glue valves use a micro-adjust stroke that delivers up to a 1 mm gluing accuracy when using extrusion grade glue. These valves are adaptable enough to be used with high, medium, or low pressure systems.

The valve's easily adjustable mounting hardware and slim 22.5 mm valve body profile make it the optimal glue valve choice for most machines.

The two piece nozzle on the **Quantum** valve not only makes cleaning and changeovers simple, it also has a 45 mm long nozzle that gives it the flexibility to glue in even the tightest areas.

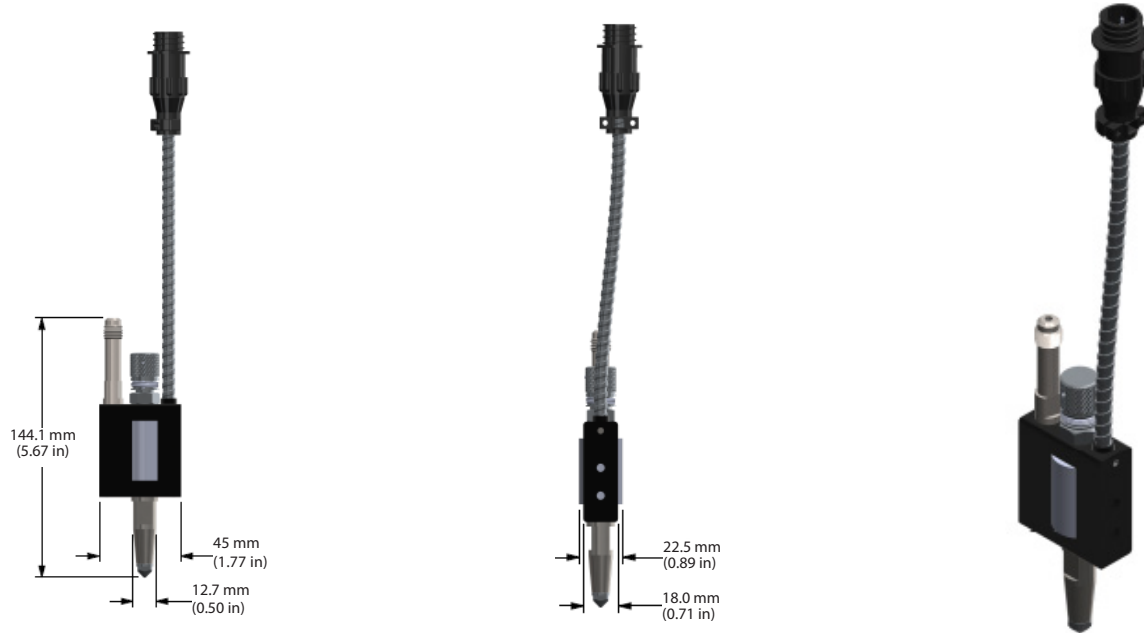
The option to choose between our platinum or gold coiled valves ensures the perfect glue application to your cartons. For most applications, the platinum coil is optimal. The gold coil valve is optimal for special applications with extremely complex gluing patterns at high speeds, where a higher power consumption is not an issue.

- Micro-adjust stroke
- (+/-) 1 mm gluing accuracy
- 1.5 millisecond cycle time
- 2 piece nozzle for easy cleaning
- Easily adjustable mounting hardware
- Slim 22.5 mm wide valve body profile
- Use with high, medium or low pressures
- 45 mm long nozzle for gluing flexibility

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GLUE VALVE

# Quantum Series Valves



## PHYSICAL CHARACTERISTICS

- Dimensions:
  - 45 mm (1.77 in) l
  - 22.5 mm (0.89 in) w
  - 144.1 mm (5.67 in) h
- Weight:
  - .346 kg (.77 lbs)

## NOZZLE SIZES

- .20 mm
- .25 mm
- .30 mm
- .35 mm
- .40 mm
- .45 mm\*
- .50 mm\*
- .60 mm
- .70 mm
- 1.0 mm

\*Included nozzle sizes. Other sizes optional.

## POWER REQUIREMENTS

### Quantum 10 Platinum

- Spike: 48 VDC
- Hold: 12 VDC
- Power: 4.8 A

### Quantum 6 Gold

- Spike: 48 VDC
- Hold: 12 VDC
- Power: 8 A

## ADHESIVES

- Recommended glue viscosity range:  
0.3 to 0.8 Pa·s (300 to 800 cps)

## CAPABILITIES

- Quantum Platinum capable of running a  
1.5 millisecond cycle time with 0.7 Pa·s glue  
(700 cps glue)

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