



Precision in Dispensing

EQ VA20 Volumetric Dispense Valve (IDH 2084141)

The new **LOCTITE® EQ VA20** Volumetric Valve is a positive displacement metering valve that dispenses a precise drop of adhesive with each cycle. Positive displacement minimizes dose size variation due to adhesive viscosity variations, variations due to both temperature changes and adhesive manufacturing variability. This unique design combines the features of a typical valve/volumetric pump system into a single valve, thereby reducing system complexity.

Features:

Volumetric Displacement

- Dosing Range – 1.5 to 12 microliters

Cycle Rate

- 180 cycles per minute

Long-Life Seal Design

- Estimated life > 1 million cycles
- Energized seal does not require routine adjustment
- Low cost of ownership

Easy Setup

- Specifically designed for simple, no-mess priming
- Does not lose prime during operation
- Field repairable

Compact Size

- 0.75" x 6.0" long
- Stackable at 0.75" centers

Fluid Body Material

- 316 Stainless Steel

Application Information:

Compatible Adhesives

- Light Cure Acrylics

Target Applications

- Needle bonding
- Precision dot dispensing

Dispense Patterns

- High speed dots/drops

Product Supply Options

- Easily fed from any LOCTITE® reservoir or directly from a syringe

System Integration

- High speed automated production
- Robotic or stationary work cells

Call 1-800 LOCTITE (562-8483)
for more information,
or to request a sample.

www.equipment.loctite.com

