

EQ VA20 Volumetric Valve

2084141

PRODUCT DESCRIPTION

The Loctite® EQ VA20 Volumetric Valve is a positive displacement metering valve which dispenses a precise volumetric drop of adhesive with each cycle. The EQ VA20 is designed with a flooded chamber and a single check valve that allows for quick priming and minimizes the need for re-priming. The priming system utilizes a patent pending check valve design which improves the speed and reliability of priming. The innovative displacement rod and seal of the VA20 design provide long dispensing life before rebuild is needed. The Loctite® EQ VA20 is specifically design to dispense drops of Loctite Light Cure Adhesives with precise dosing in the range of 1.5 to 12 microliters.

Product Features

- Volumetric displacement
- Dosing range, 1.5 – 12 microliters
- Cycle rate, 180/minute
- Patent Pending priming system
- Innovative Rod and Seal design
- Slim design
- Fluid inlet fitting – barbed stainless steel
- Field Repairable
- Easily fed from syringe or pressure reservoir

Benefits

- Stroke adjusted positive displacement independent of external influences such as pressure, viscosity, and temperature.
- Quick and reliable priming
- Long Life, >1Million cycles
- Stackable configuration on 19mm [0.75"] centers
- Tool free fluid line hook up that can be oriented 360°



Technical Data:

- Total weight: .13Kg (.3 lbs)
- Size: Diameter = 19mm [0.748"] X 15.3 cm [6.0"] long
- Viscosity Range: 1 to 10000cP
- Wetted Components: PTFE, SS, TiN
- Operating Air pressure: 4 to 7 bar [60 -100 Psi]
- Operating Product pressure: 2 to 5 bar [30 to 70 Psi]
- Fluid Compatibility: Light Cure Acrylics

Items Supplied:

- Loctite® EQ VA20 Volumetric Valve, IDH 2084141
- Equipment Manual
- PTFE lined tubing, 6.4mm OD, 2 meters long
- Air Line 4mm OD, blue, 2 meters
- Air Line 4mm OD, yellow, 2 meters
- Needle Sample Kit

Accessories and Spare Parts:

Note

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- Loctite® EQ VA20 Seal Kit, IDH 2084140
- Valve Mounting Bracket, IDH 478602 (Item# 985281)

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