

EQ VA40 CA Volumetric Valve

Item No. 2333708

PRODUCT DESCRIPTION

The Loctite[®] EQ VA40 CA Volumetric Valve is a positive displacement metering valve which dispenses a precise volumetric drop of adhesive with each cycle. The Loctite[®] EQ VA40 is specifically design to dispense drops of Cyanoacrylate with precise dosing in the range of 1.5 to 6 microliters. The EQ VA40 utilizes a flooded chamber and a single check valve that allows for quick priming and minimizes the need for re-priming. The priming system uses a patent pending check valve design which improves the speed and reliability of priming. The innovative displacement rod and sealing system of the VA40 design provide long dispensing life before rebuild is needed.



Product Features

- Volumetric displacement
- Dosing range, 1.5 – 6 microliters
- Cycle rate, 120/minute
- Patent Pending priming system
- Innovative Patent Pending Sealing System design
- Compact design 1.5 inches square by 7.0 long
- Field Repairable
- Easily fed from syringe or pressure reservoir

Benefits

- Adjustable Stroke
- Positive displacement is independent of external influences such as pressure, viscosity, and temperature.
- Quick and reliable priming
- Long Life, >1Million cycles
- Stackable configuration on 38mm [1.50"] centers

Technical Data:

- Total weight: 0.8Kg (1.76 lbs)
- Size: Diameter = 1.5" x 1.5" x 7.0" Long
- Viscosity Range: 1 to 10000 cP
- Wetted Components: PTFE, 316 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: Cyanoacrylate

Items Supplied:

- Loctite® EQ VA40 CA Volumetric Valve, IDH **2333708**
- 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:

- Loctite® EQ VA40 Seal Kit, IDH **2389012**

Note

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Henkel Americas
1-800-LOCTITE

www.equipment.loctite.com

Henkel Europe
+49.89.320800.1800

www.henkel.com/industrial

Henkel Asia Pacific
+86.21.2891.8863

www.henkel.com/industrial

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