



AMV

Automatic Metering Valve

AMV provides accurate dispensing on a repetitive basis. Shot size range is 0.2 - 4.0 cc.

Features and Benefits

- Air-operated, single-acting metered shot valve
- Dispenses up to 60 shots per minute or more
- Change shot size quickly and easily
- Special snuffer action prevents dripping
- Numerous models to select from

Typical Applications

- Dispensing of adhesives and other fluids where a precise amount needs to be deposited

Typical Fluids Handled

- Urethanes
- Epoxies
- Silicones



C02-026 shown
Nozzle (C08064)
not included

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Technical Specifications

Maximum operating	
fluid pressure	3200 psi (220 bar; 22.0 MPa)
Minimum operating	
fluid pressure	50 psi (3.4 bar; 0.34 MPa)
Material inlet	1/4 npt(f)
Air supply inlet	1/8 npt(f)
Material outlet	
Most models	1/8 npt(f)
Model 482-E and 482-DA	1/4 npt(f)
Mounting hold	7/16 - 20 unf-2B
Minimum air supply pressure	50 psi (3.4 bar; 0.34 MPa)
Shot size	0.2 cc to 4 cc per shot
Manual number	310543

Ordering Information

- C02021 AMV Model 482-B**
7/8-18 nef externally threaded material inlet
boss and 7/16-20 unf mounting hole
- C02022 AMV Model 482-C**
7/16-20 unf mounting hole only
- C02025 AMV Model 482-E**
Model 482-C with 1/4 npt(f) fluid outlet
- C02026 AMV Model 482-HA**
Model 482-C with trigger-actuated
pistol grip handle
- C02027 AMV Model 482-MS**
Model 482-B with seal fluid reservoir
and 7/16-20 mounting bolt for moisture
sensitive fluids
- C02078 AMV Model 482-DA**
Model 482-C with double-acting (air-open,
air-close) air cylinder and 1/4 npt(f) outlet

Repair Kits

- C02023 Seal Repair Kit for all models except C02078**
- C02080 Seal Repair Kit for C02078**

3 Piece Matched Needle Sets

- C02036** Fits C02021, C02022, C02025, C02026,
C02027, C02078



C02-022
Model 482-C
Nozzle not included



C02078
Model 482-DA
Nozzle not included