

AA4 PNEUMATIC DISPENSERS FOR UV CURE



PLC Controlled Dispensers (Pneumatic Shot Meter)

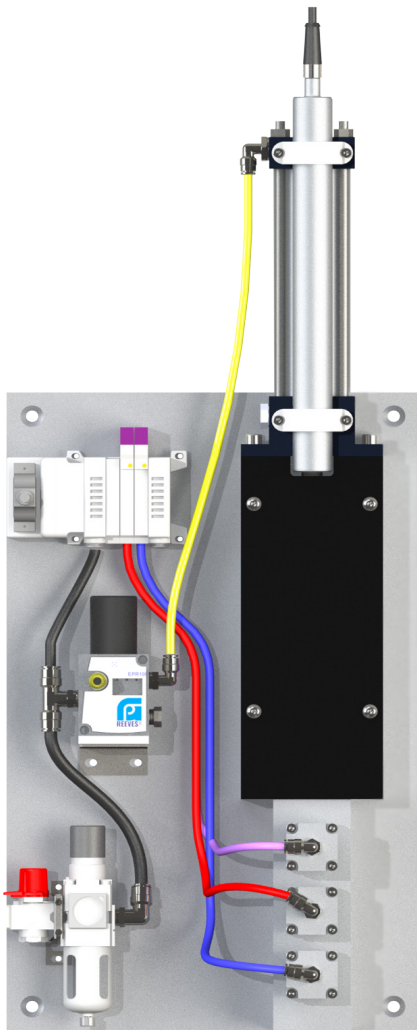
The AA4 dispenser allows for PLC volume and rate control without the added cost of a servo. These are used for critical applications where the volume is critical, volume confirmation is required, accurate rate control is required, or recipe volume control is required.

AA4 dispensers are designed for dispensing UV cure materials and feature blackout covers to block light where the rod is exposed.

Manufactured under US patent number 6,053,285.

Features

- Blackout covers protects against UV curing in the dispenser
- Solvent cup protects against moisture curing in the dispense chamber
- Patented air removal process ensures only airless material is dispensed into your manufacturing process
- Provide accurate volume & dispense rate control through positive displacement
- Flow-through design reduces the pack out of material
- Provides PLC volume confirmation



Shown as AA4-9-ST-1-PNP



Shown as AA4-230-ST-1-PNP

Part Number Format

[Base Part Number]-[Dispenser Size]-[Mounting]-[Port]-[Valve and Other Options]

Example Part Numbers

AA4-9-ST-1-PNP: AA4 with a volume range of .45-9cc, a standard mounting plate, a single output port, and an SMC1000 series valve stack with Sub-D connector.

AA4N-120-NP-2-NPN: AA4 with a nitrogen blanket assembly, a volume range of 12-120cc, narrow mounting plate, two output ports and, an SMC1000 series valve stack with Sub-D connector, NPN.

AA4H-480HF-FL-2M-PN1: AA4 with a heated test chamber assembly, a high-flow output range of 48-480cc with a floor mounted aluminum extrusion stand, dual output ports with metric pneumatic tubing, and an SMC1000 series with PROFINET.

Base Part Number	
CODE	DESCRIPTION
AA4	Base AA4 Dispenser
AA4N	AA4 with nitrogen blanket for rod area to prevent moisture curing
AA4H	AA4 with a low temperature heating option

Dispenser Size		
CODE	VOLUME RANGE	FLOW RATE
9	.45 - 9cc	Low
27	2.70 - 27cc	Low
120	12 - 120cc	Low
120HF	12 - 120cc	High
230	23 - 230cc	Low
230HF	23 - 230cc	High
480	48 - 480cc	Low
480HF	48 - 480cc	High

Mounting	
CODE	DESCRIPTION
ST	Standard mounting plate
NP	Narrow mounting plate
FL	Floor mounted aluminum extrusion stand
NOP	No mounting plate

Port	
CODE	DESCRIPTION
1	Single output port
2	Dual output ports
1M	Single output port with metric pneumatic tubing
2M	Dual output ports with metric pneumatic tubing

Valve and Other Options	
CODE	DESCRIPTION
PNP	SMC1000 Series with Sub-D connector, PNP
NPN	SMC1000 Series with Sub-D connector, NPN
EN1	SMC1000 Series with Ethernet IP, PNP
EN2	SMC1000 Series with Ethernet IP, NPN
PN1	SMC1000 Series with PROFINET, PNP
NUM1	Numatics brand valve stack, 5000 series, Sub-D connector
FST1	Festo Valve stack, CPX series, PROFINET
F2	Festo Valve Stack, VTUG Series