

# AA6 SERVO DISPENSERS FOR UV CURE



## PLC Controlled Dispenser (Electronic Shot Meter)

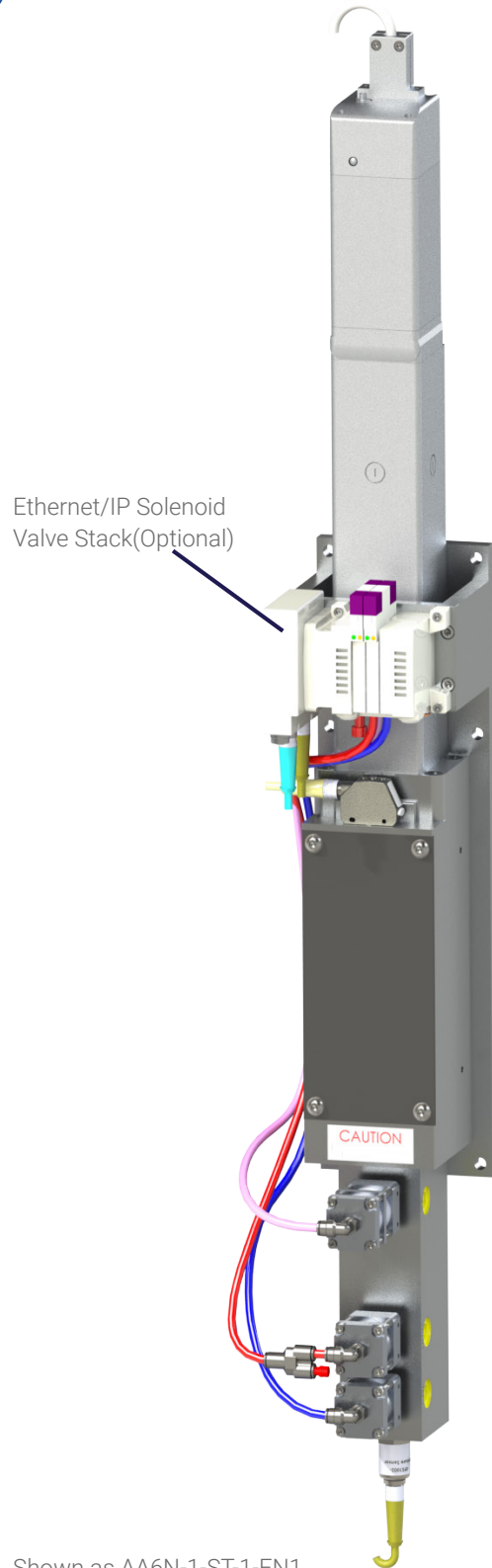
Servo driven, positive displacement dispensers provide accurate volume and dispense rate control, coupled with a patented air removal process to be used for critical applications.

**AA6** dispensers are designed for dispensing UV cure materials and feature blackout covers to block light where the rod is exposed to prevent material from curing in test chamber.

### 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
- Servo motor and linear actuator provide accurate volume & dispense rate control through positive displacement
- Flow-through design reduces the pack out of material
- Provides PLC volume confirmation

Manufactured under US patent number 6,053,285.



Shown as AA6N-1-ST-1-EN1

## Part Number Format

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

## Example Part Numbers

**AA6-4-FL-1M-PNP:** AA6 with a volume range of .10-4.00cc, a floor mounted aluminum extrusion stand, a single metric pneumatic tubing output port, and an SMC1000 series with Sub-D connector, PNP.

**AA6H-1-ST-1-EN1:** AA6 with a heated test chamber assembly , a volume range of .02-1.00cc, a standard mounting plate, a single output port and an SMC1000 series valve stack with Ethernet IP, PNP.

**AA6N-25-ST-2-FST:** AA6 with a nitrogen blanket assembly, a volume range of 1.00-25.00cc, a standard mounting plate, dual output ports and a Festo Valve Stack, CPX Series PROFINET

Base Part Number	
CODE	DESCRIPTION
AA6	Base AA6 Dispenser
AA6N	AA6 with nitrogen blanket for rod area to prevent moisture curing
AA6H	AA6 with a low temperature heating option

Dispenser Size	
CODE	VOLUME RANGE
1	.02 - 1.00cc
2	.05 - 2.20cc
4	.10 - 4.00cc
9	.20 - 9.00cc
12	.30 - 12.00cc
25	1.00 - 25.00cc
60	.60 - 60.00cc
120	1.20 - 120.00cc
240	2.40 - 240.00cc

Mounting	
CODE	DESCRIPTION
ST	Standard mounting plate
FL	Floor mounted aluminum extrusion stand

Port	
CODE	DESCRIPTION
1	1 output port
2	2 output ports
1M	1 output port with metric pneumatic tubing
2M	2 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
FST	Festo Valve Stack, CPX Series PROFINET
F2	Festo Valve Stack, VTUG Series
RTD	RTD Style Thermocoupler
JTC	J Style Thermocoupler