

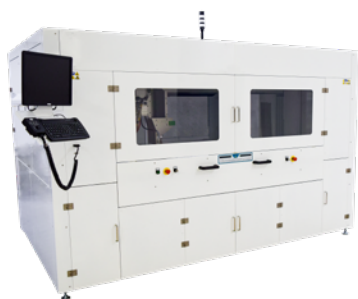


Flexible Solutions, Highly Customizable

We understand our customers have different goals and limitations. That's why we combine our application expertise with innovative dispensing robotics and precision valve technology to deliver each client a solution that revolves around their manufacturing needs.



Delta 8 and Delta 6 selective coating/dispensing systems.



Flex Cell custom selective coating/dispensing system.

World Class Dispensing, Coating and Custom Automation

Headquartered in Upstate New York, with regional sites stationed throughout North America, Europe, and Asia, all PVA systems are backed by a 24-hour global service network.



Global Headquarters
6 Corporate Drive
Halfmoon, NY 12065
+1 518-371-2684
info@pva.net

Mexico Headquarters
Parque Pinar Empresarial
Camino al Cucba #175. Nave -#81
Col. Venta del Astillero
Zapopan, Jalisco 45221
dgomez@pva.net

Europe Headquarters
Engelseweg 235 5705 AE
Helmond, Netherlands
+31 492 792729
pvdy@pva.net

China Headquarters
Room 08-N FI 6 Blk A,
No. 5 Xinghan Street
SIP Suzhou, Jiangsu, P.R.C. 215021
+86 512 8766 0918
fypeng@pva.net

Asia Headquarters
#104, The Sharp Center City APT,
East-Daegu Station
Daegu, Korea
+82 10-5646-8085
pkim@pva.net

Options & Accessories

*for PVA's Automated
Selective Coating and
Dispensing Systems*



FLUID MANAGEMENT

CFC

Continuous Film Calibration

Patented process that rapidly examines an entire film pattern to determine and automatically adjust the fluid pressure to maintain the programmed width.



PVA-OP-10

Flow Monitor

Inline flow monitoring systems allow precise data feedback on material quantities applied during each application cycle. Flow monitoring is a reliable process control option that can alert an operator to a variety of issues that may affect the volume applied during an operation.



GPCC

Gear Pump Fluid Pressure Control

Provides consistent fluid pressure and volume of coating to the valve. By traveling through a one-way check valve, the flow of material back into the cartridge or tank is prevented. Optional heated system for viscosity control is available.



PVA-SMT-LC

Shot Weight Scale

Used to confirm the flow rate of various dispense valves and is available on all PVA dispensing systems either as a standalone device or integrated into the valve station. The weight scale option is a useful tool to help maintain stable dispensing results due to various external influences to the process.



PVA-AUTO-SOLVENT

Solvent Purge & Auto Refill

This electronically controlled refill process allows for solvent purge with an automatic refill. This feature includes an overflow sensor located in each purge cup or pan to help prevent clogging/overflow as well as a capacitive sensor for material high level detection for the 2000 ml drain bottle.



ACCURACY & CALIBRATION

PVA-BC

Barcode Scanner

Decode linear barcodes and 2D symbols omnidirectionally in moving applications at speeds over 100 mm per second (3.94 in/sec). The scanner can reduce downtime by automatically switching programs to match the incoming product, eliminating operator error.



PVA-CAMERA

Programming Camera

A small, board level IEEE-1394 camera with memory channels, this option gives operators an overhead image of the work area to teach paths of motion. The camera features a programmable interface that permits coordination with external devices such as light sources.



PVA-NC

Needle Calibration Sensor

Automatic needle calibration allows the user to calibrate any compatible needle utilizing transmissive optical sensors. The sensor has been designed to minimize sensitivity to both visible and infrared external light sources.



PVA-SMT-LHS

Non-Contact Laser Height Sensor

Provides accurate target distance measurements using reflective laser triangulation. The laser features a wide 50 mm to 150 mm operating range and excellent resolution across various substrate colors and finishes.



PVA-VISION

Fiducial Camera

Measures and offsets any deviations in a workpiece's X, Y, and rotational position for increased accuracy and repeatability. The camera's optics utilize standard etchings to ensure that coatings and masks are placed with repeatability on various substrates.

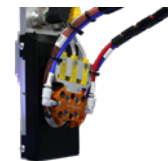


HEAD TOOLING & FUME FILTRATION

PVA-4X-5

5th Axis Programmable Tilt

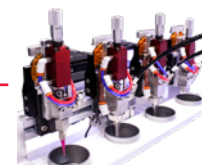
The 5th Axis Tilt feature is a motorized programmable tilt that can be configured to adjust to any angle between -50° to 50°. This flexibility allows greater part accessibility for more accurate dispense and spray processes.



PVA-4X-5-TC

Valve Tool Changer

Accommodate four additional valves in the machine that can be automatically picked up and used at any time. Increase the number of applications each machine can satisfy without sacrificing valuable work area with integrated tooling ID to ensure the correct tool is used for each application.



PVA-4XS

Slim 4th Axis

PVA's patented servo-controlled valve four-axis motion with valve tilt and rotation is available on our Delta 6 or Delta 8. The 4th axis allows for tilt and rotation of the valve (up to 323°), enabling placement of material in areas that a typical vertical valve orientation cannot reach.



FX800

Fume Filtration

Protects employees and the environment by extracting and filtering harmful vapors from your coating/dispensing system. The budget-friendly, steel unit requires a low capital investment (compared to venting to the outside) and running costs.



*Scan to learn more
about the options and
accessories available for
our automated systems.*

