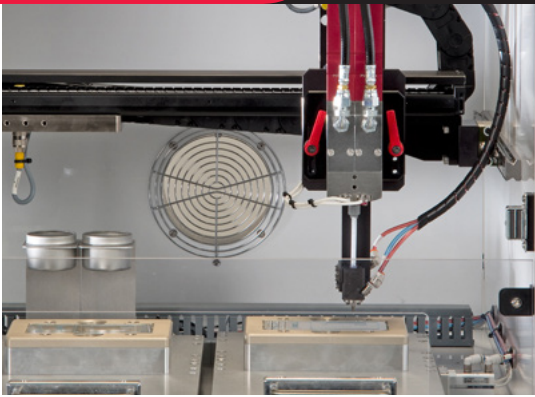




**WHERE  
PRECISION  
DRIVES  
PRODUCTION**



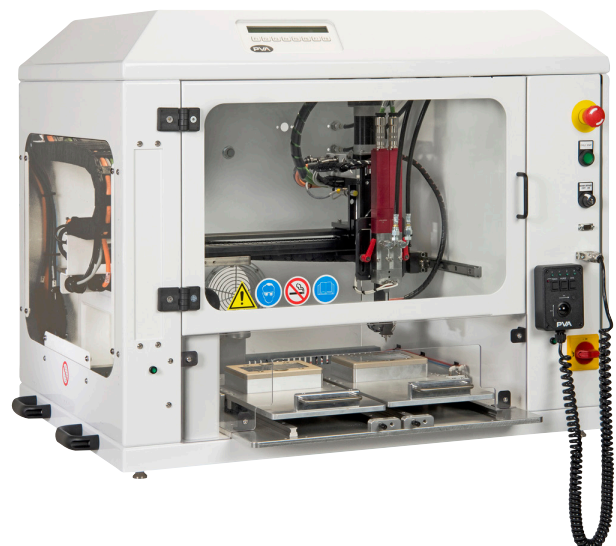
**PVA350**  
**Benchtop Coating/Dispensing System**

The PVA350 is a flexible three or four-axis robot that is suitable for virtually any benchtop of laboratory selective coating and automated dispensing application. The PVA350 features a robust overhead motion platform employing brushless DC servo motors and precision ball screw slides. Encoder feedback on all axes assures a closed-loop process that is consistent and reliable. The PVA350 platform is enclosed for added protection during spray applications.

The PVA350 has many options and integrated features including:

- A compact, tabletop design that favors portability
- Large work area
- Optional four-axis tilt and rotation motion
- Optical encoder feedback on all axes of motion
- Coordinated motion in all axes simultaneously
- RS232 communication port
- Front panel LCD screen and remote trackball teach pendant
- Exclusive PathMaster® programming environment

For more information, please contact PVA at [info@pva.net](mailto:info@pva.net) or (518) 371-2684.



**SYSTEM SPECIFICATIONS**

**Work Area**

1 Valve / Tool:  
365 mm x 378 mm x 101 mm  
(14.375 in x 14.875 in x 4 in)

**XYZ Repeatability**

±25 microns (±0.001 in)

**Resolution**

5 microns (0.0002 in)

**Motor**

Brushless DC servo

**Drive Mechanism**

Ball Screw

**Power**

120 V, 220 V +/- 10%, /50-60 Hz

**Air**

80 PSI dry unlubricated air

**Programming Software**

PathMaster® software with offline image import and programming capability

**Certification**

CE certified

PathMaster® is a registered trademark of Precision Valve & Automation, Inc.  
Windows® is a registered trademark of Microsoft Corporation.

