



INNOVATION. **PRECISION.** EXCELLENCE.



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

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
- LCD screen and remote trackball teach pendant
- Exclusive PathMaster® programming environment

For more information, please contact PVA at info@pva.net or contact your local representative.



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