



**WHERE
PRECISION
DRIVES
PRODUCTION**



SYSTEM SPECIFICATIONS

Dimensions

760 mm x 685mm
(30 in x 27 in)

Material Supply

20oz Semco Cartridges (600 cc each)
(for 1200 cc kits)

Flow Rate

5-20 cc/min (dependent upon material viscosity
and needle tip used)

Controls

Closed loop servo via PVA robot

Options/Accessories

PC200-TCM

Two Component Carbide Dispense Valve
Color Sensors for Poka-Yoke



PV202K-TCM Cartridge Metering System

The PV202K-TCM Metering System is a cost effective meter mix system for dispensing two component thermally conductive materials that contain abrasive fillers. The system operates by metering material directly from disposable plastic cartridges via a linear drive. As the drive advances, material is positively displaced to the two-part dispense valve. There are no pumps or seals to wear out providing a low maintenance solution.

The entire system is packaged on a sturdy frame with swivel casters and brakes for easy mobility. The unit also provides neat and convenient controls integration to any PVA robot.

The PV202K-TCM has many integrated features including:

- Closed loop servo drives ensuring accurate ratio and repeatability
- Pressure transducers to monitor system performance
- Automatic system pre-charge pressure after cartridge changes
- Easy to load cartridge clam shells
- Door interlock to ensure operator safety
- Low level detection
- Low maintenance

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