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## **CAM100** **HANDHELD DIAPHRAGM DISPENSING VALVE**

### **VALVE SPECIFICATIONS**

**Dimensions:**

142.24 mm x 44.45 mm diameter  
(5.60 in x 1.75 in diameter)

**Weight:**

3.7 oz

**Viscosity Range:**

1 cps – 20,000 cps

**Operating Air Pressure:**

60 – 100 psi

**Maximum Inlet Fluid Pressure:**

60 psi

**Wetted Components:**

Teflon<sup>®</sup>, Delrin<sup>®</sup>, Polypropylene

The CAM100 is an all plastic handheld valve suitable for dispensing low to medium viscosity cyanoacrylate adhesives and anaerobic chemistries via a unique "floating diaphragm" process. Fluctuating air and material pressure above and below the diaphragm allows the disk to float while starting and stopping the dispense cycle.

The valve's ergonomic wand design makes handheld dispensing easier than ever. The CAM100 can be utilized in applications requiring dots, beads, encapsulation, or potting. The CAM100 should be utilized with the ST100 valve controller.

The CAM100 has many integrated features including:

- ▲ Patented silicone diaphragm disk with Teflon<sup>®</sup> film embedded on the wetted side
- ▲ Ergonomic wand construction for easy handheld dispensing
- ▲ Delrin<sup>®</sup> material body
- ▲ Compact design honored with the *SMT Magazine* Vision Award

For more information on PVA's dispensing capabilities, please contact one of our sales representatives at (518) 371-2684.

PVA also offers the following products to improve your dispensing application:

**CAM1-SP**

CAM100 spare parts kit

**CA300**

Diaphragm valve

**PV106-01**

CAM valve solvent stand



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# CAM100 Operation and Dimensions

