

# SmartDispenser®

## SSDAV High Torque Fiber Optic Benchtop Automation System



**SmartDispenser®**  
**Super Small Dot Any Viscosity**  
 Use this model for encapsulating fiber optic connectors, ideal for a blind fill into the fiber optic connector ferrule. The Smart Dispenser's patented ProcessControl2® was designed to provide the highest repeatability from one dispense to the next for single component and two component epoxy.

**SSDAV-HT-FO-BA**

## AirFree® Technology & Fiber Optic Connectors

The SmartDispenser® SSDAV-HT-FO Benchtop System is ideal for dispensing epoxies for bonding glass fiber to ceramic ferrules. The ProcessControl2® program manages two part epoxies, such as 353ND, and other fiber optic assembly fluids so each ferrule is filled without over flow or air gaps.

Traditional air pressure systems lack the repeatability from one fluid deposit to the next needed for fiber optic connector assembly. AirFree® technology stabilizes the fluid dispensing process providing the highest repeatability when compared to any fluid dispenser.

## AirFree® Technology & Automation

AirFree® technology acts as an additional axis when mounted on a benchtop automation system. The precise control engineered into the X, Y and Z axis is now applied to the fluid delivery axis. All axes are motor driven lead screws with known speeds and can be coordinated providing the highest precision and repeatability available on a benchtop robot.

## Total Cost of Ownership

### AirFree® Technology Adds Profits When Replacing Air Driven Systems

Cost of ownership, Air vs. AirFree®, one fluid dispenser

