

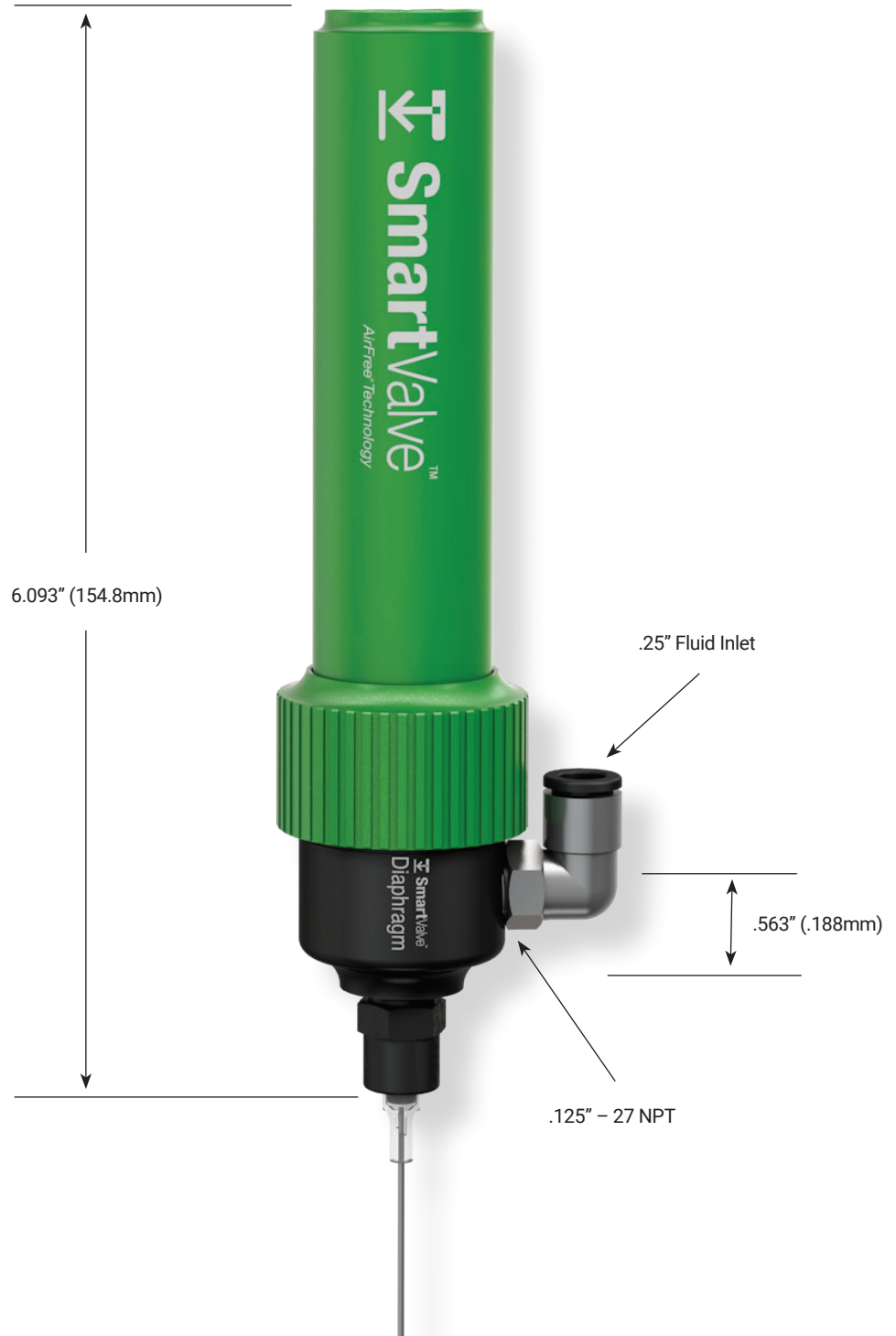


SmartValve™ — Diaphragm Valve System

The SmartValve™ — Diaphragm Valve System is ideal for cyanoacrylates and other low-to-medium viscosity fluids. It also functions extremely well with dot, bead and potting applications. AirFree® Technology provides algorithmic process control allowing for valve control via numeric programming. The valve controller records production data, operator activity and allows bar code scanning to interact with MES production systems.

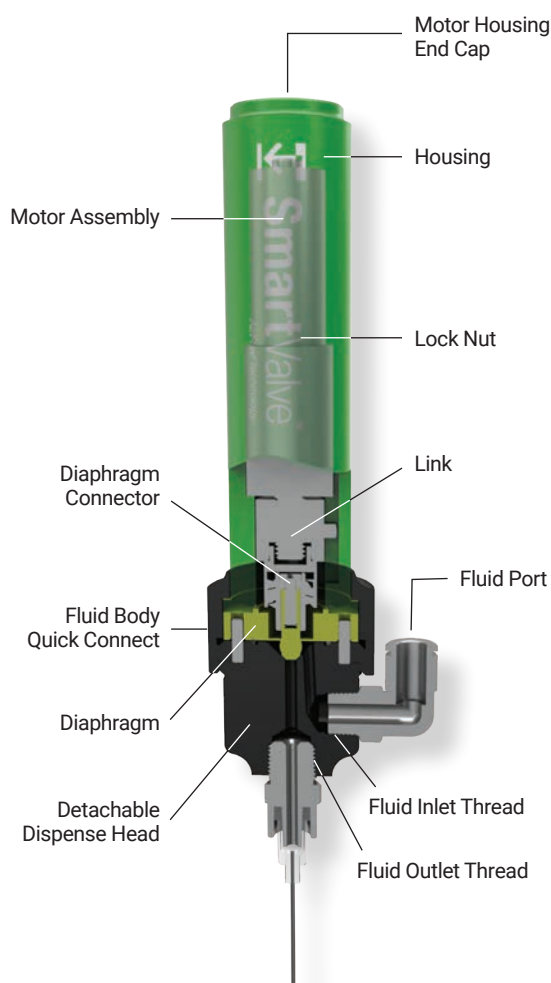
Detachable Dispense Head

To help minimize the impact of dispense valves clogging and the resulting need for cleaning, Fishman® Engineers designed a detachable dispense head for quick and easy removal and replacement. It is so simple, it can be done in seconds, helping maximize production throughput.





SmartValve™ – Diaphragm Valve System



Specifications

Dimensions	6.093" X 1" (154.8mm X 25.44mm)
Weight	6.35oz (180g)
Maximum Fluid Pressure	70PSI (5.71 bar)
Fluid Inlet Thread	.125" NPT Female
Fluid Outlet Thread	.125" NPT Female
Mounting Clamp	8/32 SHCS
Cycle Rate	60 Per Minute
SmartValve™ Housing	Somos Perform
Fluid Chamber	UHMWPE
Tip Adapter	Delrin®
Wetted Parts	Fluid Chamber, Diaphragm, Tip Adapter
Viscosity Range	Water to Light Oil

Each SmartValve™ – Diaphragm System includes the SmartValve™, SmartDispenser®, and an assortment of Dispense Tips.

SmartValve™ – Diaphragm

The SmartValve™ – Diaphragm is ideal for cyanoacrylates and other low viscosity fluids. The wetted part consists of a UHMW polyethylene diaphragm fluid body. The volume dispense depends on diaphragm open distance, diaphragm open time, viscosity, fluid pressure and tip size.

SmartDispenser® Valve Controller

AirFree® Technology provides algorithmic process control allowing for valve control via numeric programming. The valve controller records production data, operator activity and allows bar code scanning to interact with MES production systems.

- Precise Diaphragm Seating cycle after cycle
- Precision Diaphragm Open Distance
- Precision Diaphragm Open Time
- Precise Fluid Deposit Control
- Activated by 5v signal

SmartDispenser® Flexible Dispensing Platform



Watch Video



Watch Video



Watch Video



Watch Video



Watch Video



Watch Video



For more information on Fishman's® many innovative fluid dispensing solutions, including the SmartValve™ – Diaphragm Valve System, please contact a sales representative at 800-433-2115.

Delrin® is a registered trademark of Dupont™



SmartValve™ – Diaphragm Valve System Accessories



SmartValve™ – Diaphragm Valve Kit

Includes: SmartValve™ – Diaphragm and Mounting Clamp

SmartValve™ – Diaphragm Benchtop Integration Kit

Includes: SmartValve™ – Diaphragm, SmartDispenser®, SmartDispenser® Accessories and Sample Dispense Tips



SmartValve™ – Diaphragm 19" Din Rail Integration Kit

Includes: SmartValve™ – Diaphragm, SmartDispenser®, 19" Din Rail Mount, SmartDispenser® Accessories and Sample Dispense Tips

For more information on Fishman's® many innovative fluid dispensing solutions, including the SmartValve™ – Diaphragm Valve System, please contact a sales representative at 800-433-2115.

Reorder Part Numbers

SmartValve™ – Diaphragm Kit	DSDSV41
SmartValve™ – Diaphragm BTIK System	DSQSW41
SmartValve™ – Diaphragm SDIK System	DSTSW41
SmartValve™ – Needle & BTIK Diaphragm Combo Kit	DSRSW41
SmartValve™ – Needle & SDIK Diaphragm Combo Kit	DSUSW41
SmartValve™ – Needle Replacement Head	DSBSV41
SmartValve™ – Diaphragm Replacement Head	DSASV41