

## 2-Component, Air-Over-Oil, Meter-Mix Dispensing System

- ▶ Fixed Ratio Meter Mix Dispense System
- ▶ Air-Draulic air-over-oil precise metering
- ▶ Automated or manual dispensing
- ▶ Changeable precision bead profiles
- ▶ Constant flow rate – consistent results
- ▶ Frame mounted; optional mobile cart

The **See-Flo 494** is a meter/mix/dispense system for sealing, bonding, or potting applications requiring the application of mixed materials in high volumes. The **494** system is ideal for application's that demand reliable, production proven dispensing equipment that readily interfaces with a robotic work cell or can be manually operated.

In some applications, the **See-Flo 494** system dispenses precisely sized beads of an exactly mixed two component structural acrylic adhesive. The preset flow rate is constant from start to finish. For potting applications, a precise amount is dispensed on demand.

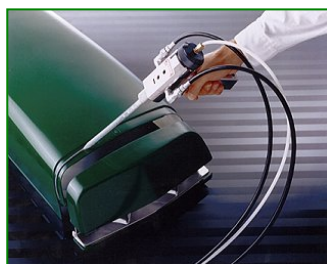
The **494's** positive displacement, fixed ratio meter is designed to reduce the abrasive effects of high viscosity or heavily filled reactive resin systems through a design that minimizes wear while making the system easy to service.

Because the **See-Flo 494** dispenses mixed material at a controlled flow rate, the fixture or robot's tool tip speed can be coordinated with the flow rate to produce a consistently sized bead of mixed material throughout the desired path.

The **See-Flo 494** Meter Mix Dispense System is available with Air-Draulic<sup>™</sup> (air-over-oil) or servo-motor power drives.



See-Flo 494 Meter System with Air-Draulic Drive and Manual Mix-Dispense Valve



# See-Flo<sup>®</sup> 494 Dispense System



## System Features:

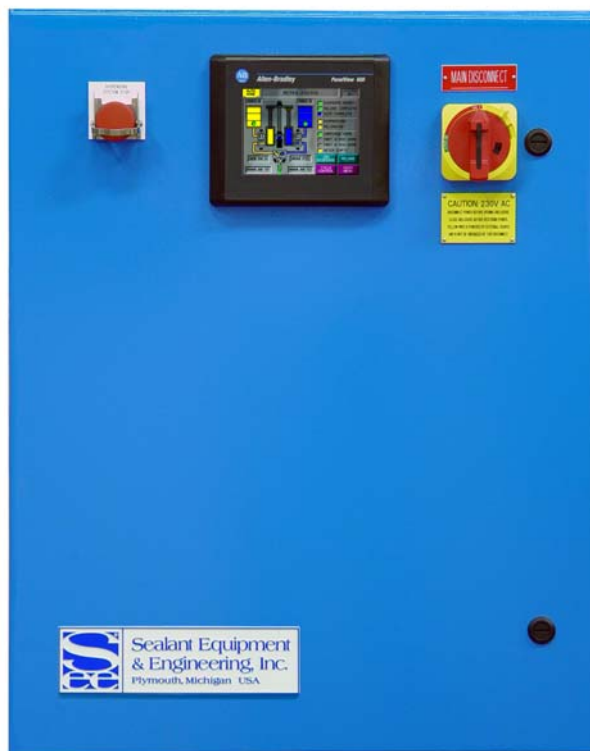
- ✓ Material displacement up to 9.4 in<sup>3</sup> cubic inches per cycle (at a 1:1 volumetric ratio)
- ✓ Single acting, positive rod displacement metering cylinders, Fixed Ratio, Divorced design
- ✓ Meter piston rods do not 'scrub' the cylinder; Heat treated components for abrasion resistance
- ✓ Air powered material inlet and outlet valves with carbide ball and seat
- ✓ Quick-Service<sup>™</sup> seal cartridge assemblies with abrasion resistant seals
- ✓ Allen-Bradley PLC programmable controls; Multiple dispense rates are selectable
- ✓ Carbon steel wetted components; No internal wear components or check valves

## Available System Features:

- Servo-motor power drive
- Stainless steel wetted components
- System pressure transducer monitors
- Material temperature conditioning equipment: Water, Electric, Piezo
- Advanced controls for purge frequency/purge duration timers, real-time meter operation, system fault monitoring, job reporting and more
- Multi-brand material supply pumps, pressure tanks, material degassing
- Mobile cart for portability



Basic Control Panel with Allen Bradley PanelView 300 Keypad Operator Interface



Intermediate Control Panel with Allen Bradley PanelView 600 Color Touch Screen Operator Interface



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Form: See-Flo 494 Rev D