

2-Component Fixed-Ratio Meter-Mix-Dispense System



See-Flo 1100 Fixed Ratio Meter-Mix-Dispense System

Features

See-Flo 1100 Meter-Mix Dispense System is designed for use with low to high viscosity, two component materials. Dispensing begins when the operator or automation control initiates dispense.

Starting and stopping the flow is immediate. Dispensing is continuous as long as the dispense signal is maintained. Typical systems include Part-A and Part-B supply pumps or pressure vessels with optional booster pumps.

The meters are engineered to the exact ratio by volume. The fixed ratio design prevents the ratio from being changed or going off ratio.

The See-Flo 1100 is versatile and adaptable to a wide variety of dispensing processes and applications including robotic and self contained mobile units.

The See-Flo 1100 is engineered to provide reliable and dependable on-ratio metering, mixing and dispensing with long life performance.

Available options include adjustable fluid regulation, stainless steel wetted parts, material temperature control and a wide variety of mix-dispense valves including Power Static Mix valves.

- ▶ 2-component, continuous flow meter mix dispensing system
- ▶ Dispense low to high viscosity materials
- ▶ Meter cylinders are engineered to your ratio by volume
- ▶ Reciprocating piston metering principle design
- ▶ Dispense mixed materials at consistent flow rates
- ▶ Material supply flow rate determines dispense flow rate
- ▶ Automatic or manual dispense valves control material start-stop
- ▶ All pneumatic control circuit

Typical Applications

- Adhesive Bonding
- Filling and Gasketing Parts
- Potting Components
- Molding Products
- Extruded Beads
- Product Assembly
- Stationary or Mobile Dispensing
- Manual or Automated Dispensing

See-Flo 1100 Meter Mix Dispense System



Specifications

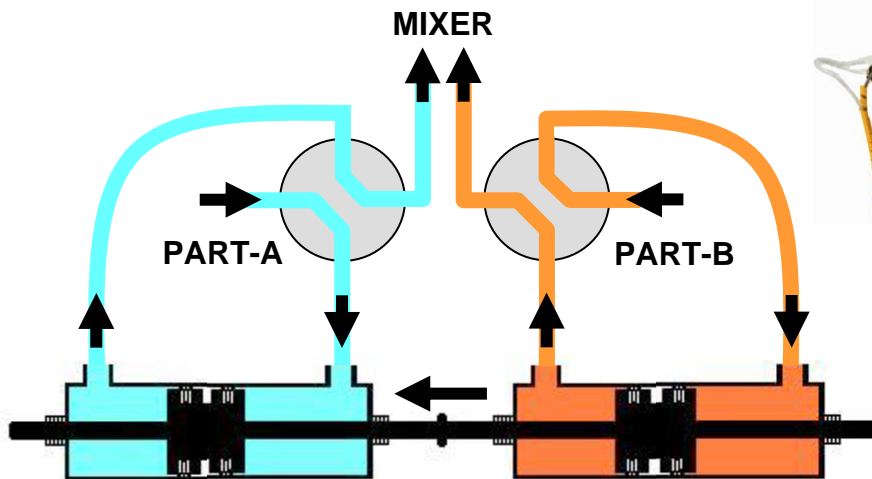
- Continuous flow, on-demand dispensing; no reload time
- Fixed ratio; from 1:1 to 15:1 parts by volume
- No drive motor; All pneumatic controls
- Mixed material flow rate is controlled by supply pressure to the meter or fluid regulators before the meter
- Wetted parts: Carbon steel, aluminum, stainless steel, Polymite™, viton
- Optional: Part-A and/or Part-B all stainless steel wetted parts

Material Supply Options

- Pressure feed tanks up to 60 gallons (240 liters)
- Booster pumps for material supply pressure tanks
- 5 gallon and 55 gallon drum supply pump assemblies
- Double-acting piston or Double-Diaphragm supply pumps
- 55 gallon (200 liter) drum racks with booster pumps

Other Accessories

- Mobile cart for self contained portability
- Swivel boom assembly with tool balance for dispense valve
- Manual handle with trigger actuator for automatic 2K valve



Reciprocating Piston Metering Principle



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