

PK1D

2 Component Dispenser
Fix Ratio



Features and Benefits

- Linear Displacement Pump (LDP) - Double acting positive displacement rod pumps (Patented)
 - Continuous metered flow (virtually pulse-free) = Shorter Cycle Time
 - Dynamic flow rate control 1cc/min. to >gal/min. = Precision Flow Control
 - Viscosity range 1cps to heavy non-flow abrasive compounds = Universal Pump Utility
 - Pressure range 1psi to >3,000psi = Universal Pump Utility
 - No Pistons, Check Valves, Flow Meters = No Slip Factor, No Calibration, Reliability
 - Low shear = Density Integrity of Syntactic Compounds
- Cross-Over Valve (XV4) – Automated 4-way directional flow control valve (Patented)
 - Replaces check valves for load/dispense functions during LPD reciprocations = Reliability
 - Allows pressure balancing inlet/outlet pressures = Continuous Pulse-Free Metered Flow
- PLC Servo Motor Pump Drives Control Benefits:
 - Enables Precision Mix Ratio, Flow Control and Factory Automated Control Functions
- Touch Screen Benefits:
 - No Mechanical Control Adjustments, Control Integrations



Applications

Adhesive/Sealants
Potting/Encapsulants
Paints/Coatings

Markets

General Industrial
Electrical/Electronic
Automotive
Military/Aerospace Industries.



Standard Features

- Linear Displacement Pumps (LDP)
- Cross-Over Valves (XV4)
- PLC Controlled Servo Drive
- Touch Screen Control Interface (6" Mono Chrome)
- Dispense Valve Gun
- Floor Stand
- Dispense Modes: Manual / Programmable

PK1D Animation



