

# SMART PUMP SYSTEMS

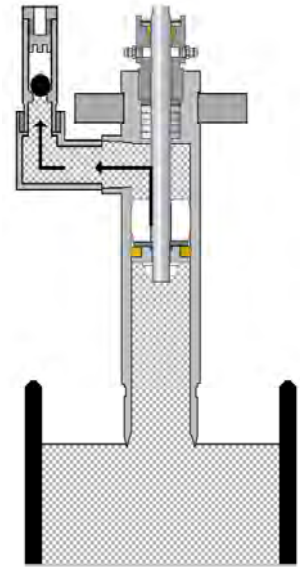
SP 400, 600, 700 & 1,000



## FEATURES AND BENEFITS

- Uses AST CMP metering pump
- Continuous flow up to 4 gpm
- Fluid pressures up to 3,000 psi
- Viscosities up to 1,000,000 cps
- 5:1 to 30:1 power factor ratio
- Adjustable Flow rate
- 55 gallon feed with follower plate
- High pressure/self priming
- 6", 8" or 10" diameter drive cylinder
- Pneumatic powered
- Metered shots or continuous flow
- Pumps abrasive materials

# SMART PUMP SYSTEM



## PRODUCT SPECIFICATIONS

	SP-400	SP-600	SP-800	SP-1,000
MODEL	Bench Top or Portable			
PUMPS	Positive Displacement AST Cylinder Metering Pumps			
PUMP SIZE MAX	2" Dia. x 9" Stroke	4" Dia. x 12" Stroke	4" Dia. x 12" Stroke	4" Dia. x 12" Stroke
SHOT SIZE MAX	0.25 Gal. Per Stroke	0.5 Gal. Per Stroke	0.5 Gal. Per Stroke	1.0 Gal. Per Stroke
DRIVE SYSTEM	4" Dia. Air Cylinder	6" Dia. Air Cylinder	8" Dia. Air Cylinder	10" Dia. Air Cylinder
CONTINUOUS OUTPUT	Up to 1.5 gpm	Up to 5.0 gpm	Up to 6.0 gpm	Up to 10.0 gpm
SHOT ADJUSTMENT	0 – 100% of Full Stroke			
CYCLE RATE	Up to 30 Cycles Per Minute			
ACCURACY	To Within 2% of Shot			
VISCOSITY	1 cps – 1,000,000 cps			
POWER FACTOR	8:1 – 30:1			
SUPPLY CONTAINER	5 Gal. / 55 Gal. Drum / Gravity Feed			
DISPENSING MANIFOLD	Manual or Automatic / Fixed Mounted or Hand Held			
CONTROLS	Control Cabinet / Fully Pneumatic / ON-OFF Switch / Pressure Gage / Operates @ 90 psi			
HOSE	Up to 15' Stainless Steel Braided Teflon			

### OPTIONS:

- Foot Control
- Material Temperature Control
- Material Agitation
- Pressurized Material Day Tanks
- Material Low Level Sensors
- Automatic Material Refill System
- Elevators
- Material Recirculation
- Automatic Purge
- Parts Counter
- Variable Ratio
- Electric Drive
- Air Over Hydraulic
- Material Transfer Pumps
- Additional Shot Sizes
- Vacuum De-Air
- PC Controllers
- XYZ Motion
- Automated Dispense Lines
- Cure Ovens
- Part Pallets

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