



**METERING & DISPENSING
EQUIPMENT FOR
INDUSTRIAL
APPLICATIONS**

- Simple & Reliable
- Engineered Systems
- PLC Compatible
- Potting
- Dispensing
- Molding
- Bonding
- Foam-in-place
- Gasketing
- Assembly

METERING & DISPENSING EQUIPMENT

DE-CMP 632 55 GALLON SMART PUMP

Metering & Dispensing of Single Part Materials for Sealing, Filling, Gasketing & Transfer of Material



- AST CMP metering pump
- Continuous flow up to 4 gpm
- Fluid pressures up to 3,000 psi
- Viscosities up to 1,000,000 cps
- Adjustable flow rate
- 55 gallon feed with follower plate
- Pneumatic powered
- Metered shots or continuous flow
- Handles abrasive materials

PCV SP-5 GALLON SMART PUMP

Sealing and Caulking Using Silicones, Single Part Urethanes and Fire Stop



- AST CMP metering pump
- Continuous flow up to 1 gpm
- Fluid pressures up to 3,000 psi
- Viscosities up to 300,000 cps
- Adjustable flow rate
- 5 gallon feed with follower plate
- Pneumatic powered
- Metered shots or continuous flow
- Portable cart mount or pneumatic elevator
- Pumps abrasive materials

PCV GMP-5 GALLON SMART PUMP

Metering & Dispensing of Single Part Materials for Sealing, Filling, Gasketing & Transfer of Material



- AST GMP metering pump
- Continuous flow up to 3/4 gpm
- Fluid pressures up to 1,000 psi
- Viscosities up to 150,000 cps
- Adjustable flow rate
- 5 gallon feed with follower plate
- 3/4" HP DC drive motor
- Electric/pneumatic powered
- Handles non-abrasive materials

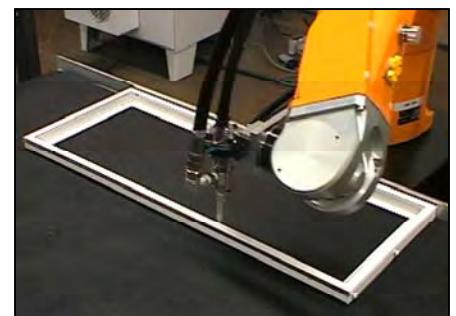
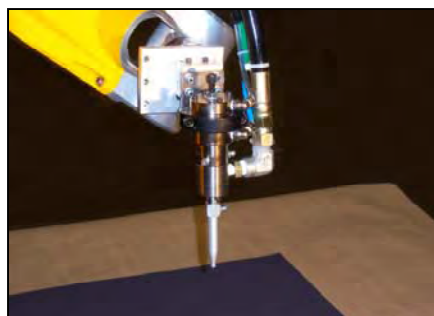
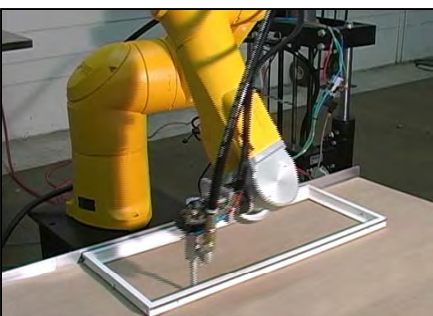
DE-CMP 832 DUAL

Metering & Dispensing of Two Part Materials for Sealing, Gasketing & Filling



- AST CMP metering pump
- Viscosities up to 1,000,000 cps
- Pneumatic powered
- Continuous flow up to 4 gpm
- Handles abrasive materials
- Fluid pressures up to 3,000 psi
- Metered shots or continuous flow
- Automatic dispense valve
- Adjustable flow rate

AST engineers, manufactures, integrates and installs complete dispensing line processes for your application. We will provide a total solution for your manufacturing process.



METERING & DISPENSING EQUIPMENT

PH GMP-075

Molding, Filling & Dispensing Using Non-Filled Urethanes, Epoxies & Polyureas

- AST GMP metering pump
- Continuous flow up to 1 gpm
- Fluid pressures up to 1,000 psi
- Viscosities up to 10,000 cps
- Fixed Ratios of 1:1 to 4:1
- ¾ HP drive motor
- 8.5 gallon stainless steel tanks
- Electric/pneumatic powered
- Handles non-abrasive materials



DE55 CMP-832-3217

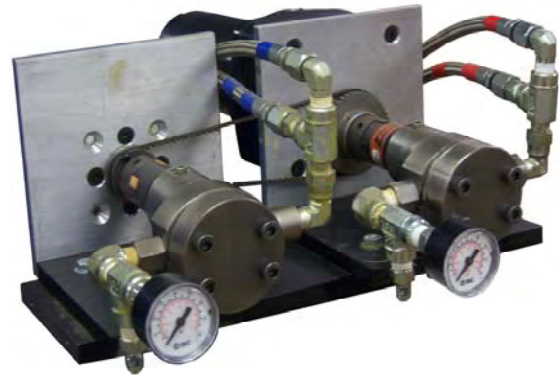
General Metering of Two Components for Assembly and Dispensing Epoxies, Urethanes & Silicones

- AST CMP or RMP metering pump
- Pumps & meters directly from 55 gallon drum
- Viscosities up to 500,000
- Ratios from 1:1 to 20:1
- Automatic or manual operation
- Pneumatic powered
- Handles abrasive & non-abrasive materials

BHE GMP-20-20

Smaller Volume Dispensing with Controlled Rates, Variable or Changeable Ratios Dispensing Urethanes, Epoxies & Silicones

- Single or dual component dispenser
- Continuous flow
- Fluid pressures up to 2,000 psi
- Pressure feed available
- Ratios from 1:1 to 20:1
- VDC or servo motors
- Variable flow rate & control



AST Provides Custom Designed Meter, Mix & Dispense Systems In Addition To The Standard Product Line



DISPENSE VALVES & ACCESSORIES



AST's wide variety of pneumatic operated dispense valves are simple, rugged & reliable. With the ability to be PLC controllable & adapted easily to automation, **AST** dispense valves possess the ability for high pressure dispensing of materials ranging from 1 to 2,500,000 cps.

Other Features & Benefits:

- Circulation optional
- Straight shut-off
- Adjustable stroke length
- Pressure lube packed for longer seal & rod life
- High volume flow with replaceable manifold
- Adjustable snuff-back and/or straight shut-off

In addition to dispense valves, **AST** has a number of accessories for both static & dynamic mixers.



AST 3-part Dynamic Mixer



COMPANY STATEMENT

Adhesive Systems Technology's commitment to technical excellence is reflected in our manufacturing facility located in New Hope, MN. With over 70,000 square feet, we have expanded our manufacturing and developmental capabilities to benefit our customers.

AST, with 25 plus years of metering and dispensing experience, is committed to supplying our customers a reliable, cost effective, highly efficient mixing and dosing system. **AST** has emerged as an industry leader in solving the dispensing and automation needs of our customers through innovation and new product development. **AST's** commitment to quality and performance extends to our customer service, engineering, manufacturing and support personnel.



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