



American Industrial Corporation



SEALANT & ADHESIVE DISPENSE EQUIPMENT & SYSTEMS

Ph: 800-888-9256 Fax: 888-284-8066 Email: SAE-Information@TeamAIC.com Web Site: www.TeamAIC.com



Material Supply Systems

- ~ Ambient, warm & hot melt systems
- ~ 1, 5, 7, 16, 30 & 55 gallon systems
- ~ Single & dual posts rams
- ~ Severe Duty or MaxLife coatings for maximum wear life
- ~ Dura-Flo[®] Pump . low to medium viscosity materials
- ~ Check-Mate[®] Pump . medium to high viscosity materials
- ~ DataTrak . integrated electronic monitoring system
- ~ Automatic cross over systems



Precision Continuous Flow Metering and Dispense System

- ~ Flow rates of 6 to 22,500 cc/min
- ~ Ambient or heated materials
- ~ Viscosities up to 1,000,000 cps
- ~ Continuous or stitching paths
- ~ Gateway module for robot interface



PCF™ Controller & Pendant



PCF™ Fluid Plate



PD44™ Meter, Mix and Dispense System

- ~ Two component micro dispensing
- ~ Shot sizes 0.005 cc_s to 5.00 cc_s
- ~ Fixed ratio range 1:1 to 25:1
- ~ Ratio accuracy $\pm 1\%$
- ~ Three metering drive choices
- ~ Multiple feed system options
- ~ Intuitive HMI display module
- ~ Easily integrated with automation
- ~ Uses wide variety of mixers



PR70™ Meter, Mix and Dispense System

- ~ Fixed ratio 1:1 to 12:1
- ~ Variable ratio 1:1 to 24:1
- ~ Up to 70 cc_s per cycle
- ~ Ratio accuracy $\pm 1\%$
- ~ Graco control architecture
- ~ Multiple feed system options
- ~ Heated, agitated & vacuum capable feed systems
- ~ Intuitive HMI display module
- ~ MD2 dispense valve

Bonding • Sealing • Gasketing • Encapsulation • Potting • Lubrication



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HFR™ Meter, Mix and Dispense System

- ~ Fixed ratio 1:1 to 16:1
- ~ Multiple uses spray to extrusion
- ~ Graco control architecture
- ~ Hydraulic power supply
- ~ Continuous flow horizontal pumps



Dispense System Accessories

- ~ Ambient & heated dispense valves
- ~ Ambient & heated fluid pressure regulators
- ~ Ambient & heated material hoses
- ~ Material day tanks with heat, agitation & vacuum degas options



Syringes and Cartridges

- ~ Syringe & cartridge dispense systems with controllers
- ~ Bulk syringes & cartridges for packaging
- ~ Disposable dispense needles & nozzles
- ~ Syringe & cartridge accessories



Dispense Valves

- ~ Diaphragm valves for UV, CA & AN materials
- ~ Spool valves for high viscosity extrusion
- ~ Needle valves for small precise & constant deposit sizes
- ~ Rotary valves for abrasive & pre-mixed/frozen materials
- ~ Jetting valve for non-contact high speed dispensing
- ~ Spray valves for precision spray applications



Bench Top Robots

- ~ Three work envelopes
- ~ Easy to program & simple to operate
- ~ Compatible with all Techcon dispense valves
- ~ Suitable for wide range of dispensing applications
- ~ Optional safety cover with light curtain

