



# MIDWAY INDUSTRIAL SYSTEMS

A Division of Midway Industrial Supply

## FLUID METERING, DISPENSING AND TRANSFER

Midway designs and supplies metering, monitoring and dispense systems for paints, adhesives, lubricants and more. We automate dispense and fill processes to improve efficiencies and increase production output. We provide monitoring systems to control or measure fluid flows, measure mix ratios or a combination of these functions. Controls, alarms and computer interfaces are available.

### Fill and Dispense operations

- Measure and dispense volumes from 5cc up to hundreds of gallons, depending on fluid and application
- Measure and dispense accurately mixed two component materials for small batch usage, such as touch-up requirements using Graco's ProBatch system (pictured)
- Automate dispense operations to increase production and eliminate over-fills or under-fills
- Full line of diaphragm pumps: Graco Huskies
- Computer interface allows for convenient monitoring of a process



### Ratio, Flow or Usage Monitoring

- Electronic ratio monitoring and controls for upgrading existing mechanical proportioners
- Closed loop fluid control for increased efficiencies, providing significant material savings with disc systems and other automated spray systems
- Metering systems designed to monitor flow rate or usage requirements with automatic or manual start and automatic shut-off
- Spray tip wear monitoring to control paint waste & reduce booth maintenance

### Examples of Installations

- High volume catalyst tank with transfer pump, low level sensor and alarm (photo at right)
- Anti-freeze proportioning, mixing and dispense
- Closed loop fluid control for a Ransburg disc
- Engine cavity automatic fill-dispense
- Oil dispense and recording
- Ratio-monitoring for Hydra-Cats (mechanical proportioners)
- Solvent flush automated with air-chop process



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