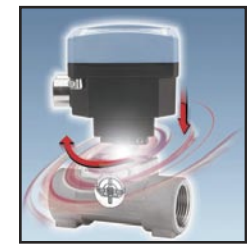


Flow Meters Industrial Series



DIGITAL TURBINE FLOW METERS (PADDLE WHEEL)

STANDARD'S Turbine Flow Meters address a broad scope of applications ranging from inert solutions to aggressive chemicals. These meters utilize a proven paddle wheel design and are available in a variety of sizes and materials. The meters are designed with the "1/4 Lock & Turn System" enabling operators to move a single totalizer to several flow chambers. Meters are available in three configurations: Kits for Drum Pumps, Barb Connections, or Permanent Installation.



Common Applications

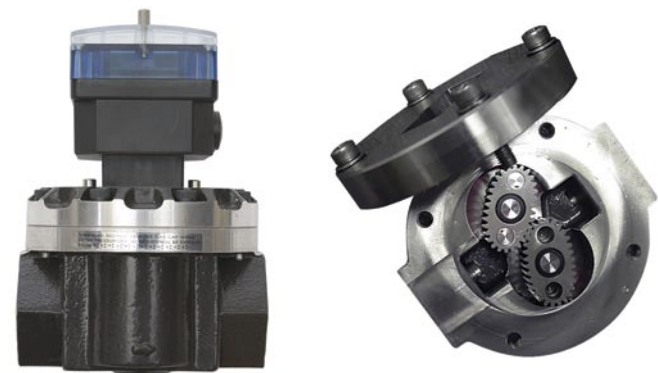
- Pump Measurement
- Gravity Feed Applications From Tanks
- System Monitoring
- Adding Chemistry to Plating Tanks
- Chemical Packaging
- Blending Agricultural Products
- Adding Colors and Fragrances

Features

- Measure flow rate and volume
- 9v Lithium battery
- Multiple languages
- Measures: gallons, liters, cubic meters, milliliters, imperial gallons
- Re-settable totalizer +/- .05 % accuracy.
- 1/2" (15mm) - 2" (50mm)
- Available materials: PP, PVDF, SS & CPVC

DIGITAL POSITIVE DISPLACEMENT FLOW METERS (OVAL GEAR)

STANDARD'S positive displacement flow meters are suitable for measuring a broad scope of materials ranging from thin-bodied solutions to viscous materials. The meter utilizes proven oval gears technology to accurately measure flow rate and volume dispensed. The meter housing is available in Aluminum or Stainless Steel and the Oval gears are available in PPS or Stainless. These meters are equipped with the 1/4 Lock & Turn design enabling operators to move a single controller to several flow chambers.



Common Applications

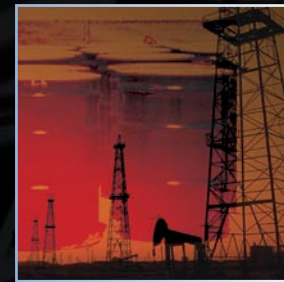
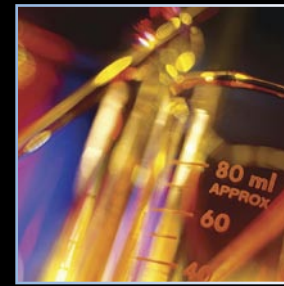
- Pump Measurement
- Filling Applications
- Viscous Materials

Features

- Measure flow rate and volume
- Oval gear design
- Multiple languages
- Measures: gallons, liters, cubic meters, milliliters, imperial gallons
- Re settable Totalizer
- +/- .05 % accuracy
- FNPT Port Connections range from 1/2" (15mm) - 2" (50mm)

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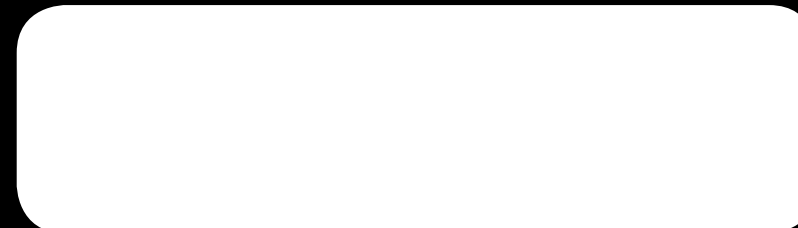
BARREL AND CONTAINER PUMPS



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Standard's Industrial Pumps and Metering Systems are commonly used throughout the Chemical Processing, Water Treatment, Metal Finishing, Medical, Semi-Conductor, Agriculture, and Petroleum industries. Applications include the transfer of: Aggressive Chemicals, Inert Solutions, and Viscous Materials.

All of Standard's pumps and metering systems adhere to safety guidelines set forth by agencies such as Under Writers Laboratory and Demko in order to ensure the highest quality product and most importantly – your safety.



STANDARD
Pump, Inc.

INDUSTRIAL DRUM AND CONTAINER PUMPS

Preview Catalog

DRUM & CONTAINER PUMPS



STANDARD'S Drum & Container pumps are engineered to safely transfer aggressive chemicals from drums, tote tanks, and large storage vessels. Pump tubes (liquid ends) are available in a variety of materials and immersion lengths. The pump's seal-less design permits "run dry" and "dead head" operation. All centrifugal drum pumps are available in high flow or high-pressure models.

Common Applications

- Concentrated Acids
- Aggressive Alkalies
- Water Treatment Chemicals
- Flammable Liquids

Features

- Pump Tubes: Polypropylene, 316SS, PVDF, & CPVC
- Open Drip, TEFC, EXP & Air Motors
- Variable Speed Control Motors
- Immersion lengths: 27"(700mm) – 72"(1800mm) custom lengths available
- Flow Rates to 35 GPM (132 LPM)
- Discharge pressure to 70 ft. (22m)

PUMP PACKAGES (OUT OF THE BOX SOLUTIONS)



STANDARD has taken the initiative and packaged complimentary pump and accessory components to form a complete solution for a variety of applications. Today's busy maintenance professional doesn't have time to specify motors, tubes, and accessories so Standard eliminated the guess work. Packages are available for general transfer and metering applications. Packages include: pump tube, motor, hand nozzle, PVC flexible hose, barrel adapter, wall storage bracket, hose clamps, and flow meter if applicable.

Common Applications

- Water Treatment Chemicals
- Acids
- Alkaline Solutions
- Light- Weight Oils

Features

- Pump Tubes: Polypropylene, PVDF & CPVC
- Open Drip Proof & TEFC Motors
- Digital Flow Meters
- Immersion lengths: 39"(1000mm)
- Flow Rates to 35 GPM (132 LPM)

SP-700SR SERIES DRUM PUMPS (VISCOSITY TO 25,000 CPS)



STANDARD'S progressive cavity pumps are designed to transfer viscous materials from drums, tote tanks, and large storage vessels. Utilizing the principle of positive displacement, these pumps deliver a continuous flow of material with little product degradation. Pumps are available with several electric or air motors.

Common Applications

- Polymers
- Paints
- Resins
- Adhesives
- Varnishes
- Petroleum Products

Features

- Flow Rates to 18 GPM (64LPM)
- Discharge pressure to 180psi (12bar)
- Immersion lengths: 27"(700mm), 39"(1000mm) & 47"(1200mm)
- Available elastomers: Teflon, Viton, or Buna
- 316 SS Construction

SP-700DD SERIES DRUM PUMPS (VISCOSITY TO 100,000 CPS)



STANDARD'S progressive cavity pumps are designed to transfer viscous materials from drums, tote tanks, and large storage vessels. Utilizing the principle of positive displacement, these pumps deliver a continuous flow of material with little product degradation. Pumps are available with a TEFC electric or air powered motors.

Common Applications

- Polymers
- Paints
- Resins
- Adhesives
- Varnishes
- Petroleum Products

Features

- Flow Rates to 18 GPM (64LPM)
- Discharge pressure to 180psi (12bar)
- Immersion lengths: 27"(700mm), 39"(1000mm) & 47"(1200mm)
- Available elastomers: Teflon, Viton, or Buna
- 316 SS Construction

BATCH CONTROL SYSTEM (LOW VISCOSITY LIQUIDS)



STANDARD'S Batch Control Systems (BCS) are engineered for high precision dosing and filling operations. Batch Control Systems are available in a variety of liquid ends, immersion lengths, and motor drives therefore offering versatility and safety for the most challenging applications. Simply dial in desired volume, press enter, and the BCS delivers a preset volume of liquid from drums and tanks – virtually hands-free. The BCS utilizes a proven paddle design offering accuracy with +/- .05%. System includes: Pump, Motor, Controller, and Check Valve.

Common Applications

- Dispensing Chemicals From Delivery Trucks
- Adding Chemistry To Plating Tanks
- Chemical Packaging
- Blending Agricultural Products
- Adding Colors And Fragrances

Features

- Measures: gallons, liters, cubic meters, milliliters, imperial gallons
- Variable speed control pump
- 7 memory settings
- PLC interface capabilities

BATCH CONTROL SYSTEM (HIGH VISCOSITY MATERIALS)



STANDARD'S Batch Control Systems (BCS) are engineered for high precision dosing and filling operations involving viscous materials. Batch Control Systems are available in a variety of immersion lengths and motor drives therefore offering versatility and safety for the most challenging applications. Simply dial in desired volume, press enter, and the BCS delivers a preset volume of material from drums and tanks – virtually hands-free. The positive displacement meter utilizes high viscosity oval gears.

Common Applications

- Dispensing Polymers From Delivery Trucks
- Blending Paint & Varnishes
- Adding Resins or Adhesives To Manufacturing Processes

Features

- Measures: gallons, liters, cubic meters, milliliters, imperial gallons
- Variable speed control pump
- 7 memory settings
- PLC interface capabilities