

# *FLOW CONTROL SYSTEMS*

**NEW!**



# **STANDARD PUMP, INC.**

Revolutionizing Drum Pump Technology.





# BATCH CONTROL SYSTEMS

**Chemical Packaging ▲ Waste Water Treatment ▲ Chemical Manufacturing  
Plating ▲ Semi-Conductor ▲ Pharmaceutical ▲ Agriculture**

**STANDARD'S Batch Control Systems are engineered to control, measure and dispense any volume of liquid from drums, IBC's, plating tanks or any large storage vessel. The BCS's can be used in any industry where batching, chemical packaging or dilution is required to be accurate and efficient.**

## OPERATION

Simply enter the desired volume of liquid with the directional arrows. Press ENTER and the Batch Control System engages the motor, dispenses the required volume, then stops the motor to complete the process.

## FEATURES

### ACCURACY

Employ "Teach In" calibration or preset "K factors" for maximum accuracy ( $\pm 0.5\%$ ). No more estimating or using floor scales to properly measure corrosive chemicals.

### SAFETY

Operator does not come in contact with corrosive chemicals.  
No more drum tilting with fork lifts, measurement with buckets or pails.  
Control transfer of highly corrosive liquids directly from your storage container.

### MEMORY

Save up to 7 preset volumes in the Automatic Batch memory or change each batch in the Manual Batch setting. Equipped with EE Prom electronics.

### VERSATILITY

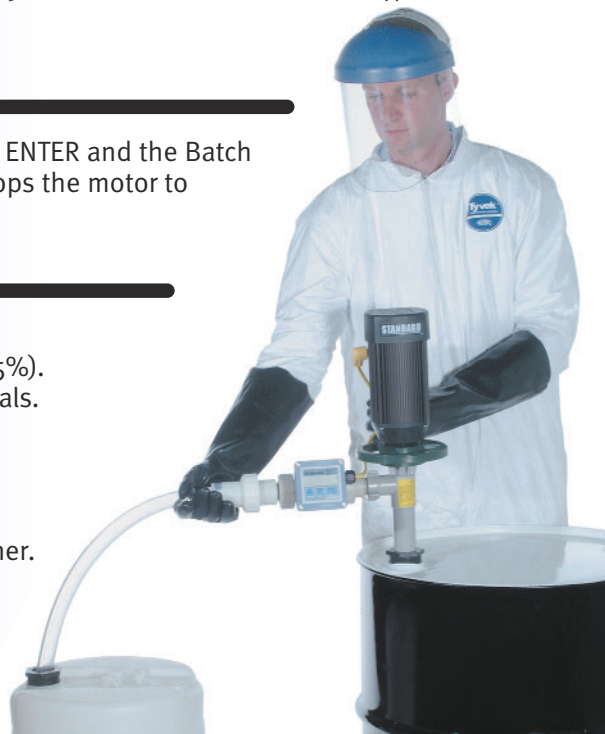
1. Displays volume units in gallons, Imperial gallons, liters, milliliters or cubic meters.
2. Displays flow rate in gallons, Imperial gallons, liters, milliliters or cubic meters per minute, second, or hour.
3. Language can be displayed in English, German, French, Italian or Spanish, as desired.
4. Available with standard pump tube lengths of: 27" (685mm), 39" (1000mm), 47" (1200mm), 60" (1500mm), 72" (1800mm).
5. Batch Controller operates on 120V or 220V power.
6. Batch Control Motors are available in TEFC or ODP for any corrosive environment. Both 60 Hz and 50 Hz motors are available.
7. Re-setable totalizers.

### CONTROL

Variable speed motors enable operators to control discharge flow.

### QUICK CONNECTION

1" hose barb or 1" NPT thread for ease in hose change or quick disconnect setup.



## TECHNICAL DATA

• Maximum temperature	175°F (80°C)
• Maximum flow	25 GPM (95 l/min)
• Suction dimension	1.63" (41 mm)
• Maximum viscosity	300 cps
• Maximum specific gravity	1.89
• Discharge dimension	1" (25.4 mm) hose barb or NPT thread
• Available wetted components	Polypropylene, PVDF, Carbon, Ceramic, Hastelloy
• Paddle wheel	PVDF & Ceramic



### SYSTEM INCLUDES 1 EACH:

batch control motor, pump tube and batch controller with all necessary connections.



# INLINE DIGITAL FLOW METER

**STANDARD'S Digital Flow Meter addresses a wide range of applications when measuring flow rate and volume is a concern. Chemically resistant materials of construction enable users to meet the toughest applications. The proven paddle wheel design ensures maximum accuracy when measuring low to medium viscosity liquids.**

## DESIGN

- ▶ The paddle wheel flow meter is designed for continuous flow measurement of neutral and aggressive solid-free liquids.
- ▶ Fitting and electronic module can be quickly and easily assembled by the unique "1/4 Lock and Turn" connect system.
- ▶ Display and menu-guided operating system allows for customized settings.
- ▶ Equipped with EE Prom electronics.
- ▶ User friendly operating system.
- ▶ Drum pump discharge configuration requires 1 inch flow chamber.
- ▶ Re-setable totalizer

### "Turn & Lock"



Quick and easy connect & disconnect by quarter turn "Turn & Lock"

## Dimensions

Port Connections		G	C	L2	H
NPT 1/2	(15mm)	1/2" (15mm)	3.35 (85mm)	0.63 (16mm)	4.81 (122mm)
NPT 3/4	(19mm)	3/4" (19mm)	3.74 (95mm)	0.67 (17mm)	4.69 (119mm)
NPT 1	(25mm)	1" (25mm)	4.14 (105mm)	0.93 (24mm)	4.73 (120mm)
NPT 1 1/4	(32mm)	1 1/4" (32mm)	4.73 (120mm)	0.93 (24mm)	4.85 (123mm)
NPT 1 1/2	(40mm)	1 1/2" (40mm)	5.12 (129mm)	0.93 (24mm)	5.00 (127mm)
NPT 2	(50mm)	2" (50mm)	5.91 (150mm)	1.08 (27mm)	5.28 (134mm)

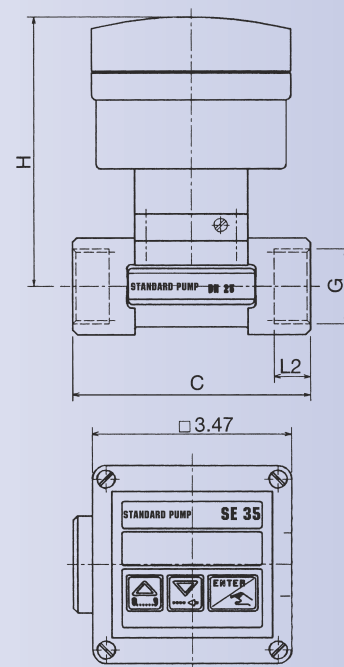
## SE35 Series



## TECHNICAL DATA

• Flow chamber sizes	1/2" – 2" (15mm – 50mm)*
• Measuring range	2 – 200 GPM (7.5 – 757 LPM)
• Repeatability	0.4±
• Enclosure	NEMA 4 (IP 65)
• Media temperature range	32°F – 212°F (0°C – 100°C)
• Measures	Flow Rate & Volume
• Power Source	9V / DC Lithium Battery
• Maximum pressure	230 psi (15 Bar)
• Available flow chambers	Polypropylene, PVDF, Stainless 316
• Paddle wheel	PVDF & Ceramic

\*(larger sizes available upon request)





## **ADDITIONAL PRODUCTS**

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- ▶ Magnetically Coupled Centrifugals
- ▶ Vertical Immersion Pumps
- ▶ Drum & Container Pumps

***Distributed By:***

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