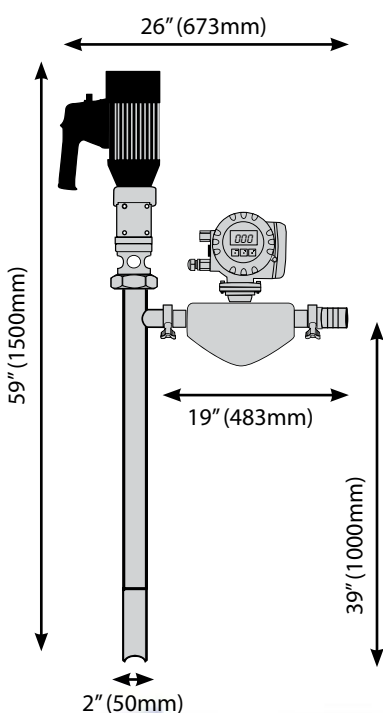


Ultra Mass Series | BATCH CONTROL SYSTEM

The **Ultra Mass Batch Control System** is designed for high precision dosing applications from Drums, Kettles, and ToteTanks®. Simply dial in your desired volume or weight and the Ultra Mass BCS will deliver a preset dose of product – virtually hands free. The systems components meet 3A Third Party Verification (TPV) Sanitary Standards insuring the highest quality product suitable for the Food Processing, Pharmaceutical, Dairy, and Bio-Tech industries.



Features

- 3A (TPV) components
- FDA compliant materials
- Low Shear Design
- Easy to Clean
- Tri-Clamp fittings
- Interface Capabilities: HART, PROFIBUS, PA/DP, FOUNDATION FIELDBUS
- Suitable for Conductive & Non-Conductive solutions
- Quick Setup Menus for in-field commissioning



Common Applications

- Sauces
- Creams
- Dairy Products
- Shampoo & Conditioner
- Pharmaceutical Ingredients
- Pie Fillings

Technical Specifications

Wetted Components	316SS (32 Ra or better), Teflon
Motor Drive	Variable Speed / TEFC (IP54) / 1HP (825w)
Inlet/Discharge	2" (50mm) / 1½" (25mm)
Metering Principle	Coriolis Mass Flow Technology
System Accuracy	+/- .30% of reading
Check Valve	316L Stainless Steel
Pump Seal	Mechanical
Pump Design	Progressive Cavity
Immersion Length	39" (1000mm)
Maximum Solid Size	¼" (6mm)
Maximum Temperature	185° F (260° C)
Viscosity Range	<ul style="list-style-type: none"> ▪ 1-10,000 cps (mPAS) ▪ 10,000-25,000 cps (mPAS)
Maximum Discharge Pressure	87 psi (6 bar) <i>based on water</i>
Maximum Flow Rate	10 GPM (38 LPM) <i>based on water</i>
System Weight	48 lbs (21kg)
	Model 8500 (110v), 8501 (220v)
	Model 8513 (110v), 8514 (220v)