PRODUCT CATALOGUE

The Sanitary Line

AODD Sanitary Pumps

now available



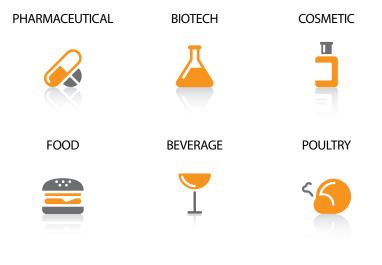


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Flow Meter & Pump System
AODD Sanitary Pumps

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Industries with essential demand on hygiene



PURE PUMP – THE SANITARY LINE OF DRUM PUMPS FOR LOW AND HIGH VISCOSITY LIQUIDS

APPLICATIONS





Drums & Barrels

Laboratory



Large Storage Vessels

Stainless Tanks

www.pure-pump.eu

SP-8600 / SP-8700 Series

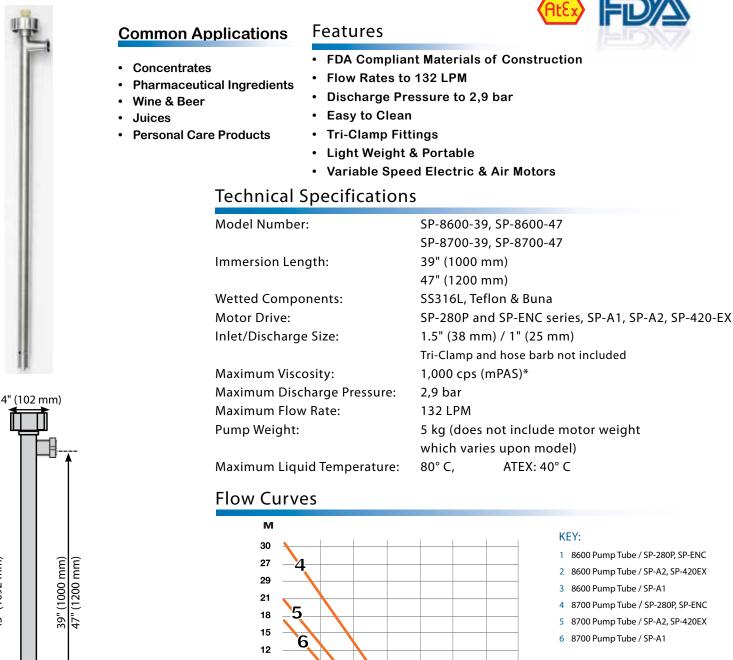
51" (1295 mm)

43" (1092 mm)

1.5" (38 mm)

Standard Pumps' SP-8600 series sanitary centrifugal pumps offer the ideal solution for transferring juices, concentrates, beer, wine, and cosmetic fragrances from barrels, kettles and Tote Tanks®. The SP-8600 series pumps incorporate a proven hygienic design and FDA compliant materials of construction (CFR 21.177) insuring a safe, robust and efficient sanitary solution.





Note: Pump is constructed with FDA compliant materials; however, the system does not have FDA certification. *Pump is intended for intermittent use.

76

95

132

114

38

57

Flow Rate (Based On Water)

9 6 3

LPM

19

SP-8800 and SP-8900 Sanitary Series

Standard's SP-8800 and SP-8900 series sanitary centrifugal pumps offer the ideal solution for transferring dairy products, pharmaceuticals, juices, concentrates, beer, wine, and cosmetic fragrances from barrels, kettles and Tote Tanks®. The SP-8800 and SP-8900 series pumps are 3A certified and incorporate a hygienic design that enables operators quickly to disassemble and sanitize.





4" (102 mm) (111 mm) (11

Common Applications

- Concentrates
- Pharmaceutical Ingredients
- Wine & Beer
- Juices
- Personal Care Products
- Cosmetic Fragrances

- Features
- 3A Certified
- Flow Rates to 132 LPM
- Discharge Pressure to 2,8 bar
- Easy to Clean
- Tri-Clamp Fittings
- Light Weight & Portable

SP-8800-39, SP-8800-47

• Variable Speed Electric & Air Motors

Technical Specifications

Model Number:

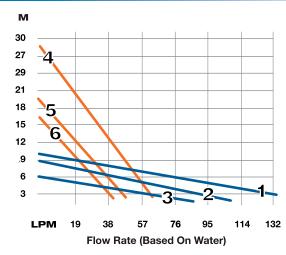
Immersion Length:

Wetted Components: Motor Drive: Inlet/Discharge Size:

Maximum Viscosity: Maximum Discharge Pressure: Maximum Flow Rate: Pump Weight: SP-8900-39, SP-8900-47 39" (1000 mm) 47" (1200 mm) SS316L, Teflon & Buna SP-280P and SP-ENC series, SP-A1, SP-A2, SP-420EX 1.5" (38 mm) / 1" (25 mm) Tri-Clamp and hose barb not included 1,000 cps (mPAS)* 2,8 bar 132 LPM 5 kg (does not include motor weight which varies upon model) 80° C, ATEX: 40° C

Maximum Liquid Temperature:

Flow Curves



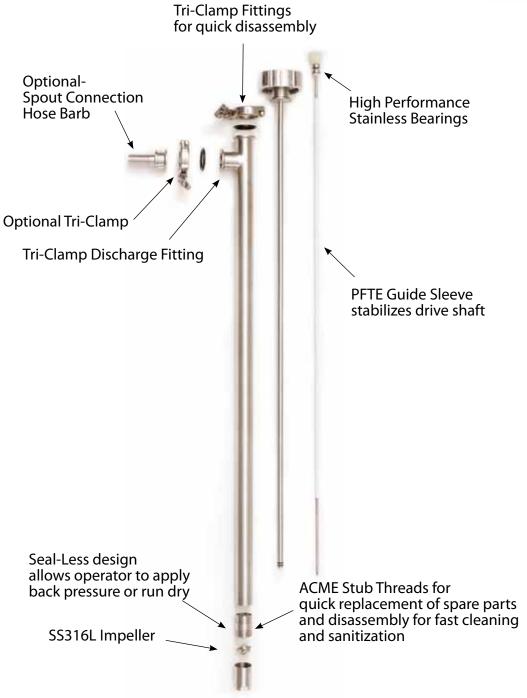
KEY:

- 1 8800 Pump Tube / SP-280P, SP-ENC
- 2 8800 Pump Tube / SP-A2, SP-420EX
- 3 8800 Pump Tube / SP-A1
- 4 8900 Pump Tube / SP-280P, SP-ENC
- 5 8900 Pump Tube / SP-A2, SP-420EX
- 6 8900 Pump Tube / SP-A1

Note: Pump is constructed with FDA compliant materials; however, the system does not have FDA certification. The SP-8800 and SP-8900 series pumps are 3A certified. *Pump is intended for intermittent use.

SP-8800-SP-8900 series Hygienic Design Enables Operators To Disassemble, Clean and Sanitize





SP-8600 - SP-8900 & SP-800SR | Pump Motors

SP-280P series for SP-8600, SP-8700, SP-8800 and SP-8900 series

SP-ENC series for SP-800SR, SP-8600, SP-8700,





MODEL	ENCLOSURE	POWER	WATT	V.S.D.	SHIPPING WT kg
SP-280P	Open Drip Proof (IP44)	110-120V/1/50-60Hz	825	No	4,0
SP-280P-V	Open Drip Proof (IP44)	110-120V/1/50-60Hz	825	Yes	4,0
SP-280P-2	Open Drip Proof (IP44)	220-240V/1/50-60Hz	825	No	4,0
SP-280P-2-V	Open Drip Proof (IP44)	220-240V/1/50-60Hz	825	Yes	4,0

NOTE: V.S.D. = Variable Speed Drive

🔼 Warning: Not suitable for pumping flammable or combustible liquids. 🧥 Warning: Not recommended for use with the SP-800SR Series pump.



SP-8800 a	nd SP-8900			c 7	llus ⊂ €
MODEL	ENCLOSURE	POWER	WATT	V.S.D.	SHIPPING WT kg
SP-ENC	TEFC (IP54)	110-120V/1/50-60Hz	825	No	5,7
SP-ENC-V	TEFC (IP54)	110-120V/1/50-60Hz	825	Yes	5,7
SP-ENC-2	TEFC (IP54)	220-240V/1/50-60Hz	825	No	5,7
SP-ENC-2-V	TEFC (IP54)	220-240V/1/50-60Hz	825	Yes	5,7
🛝 Warning: No	ot suitable for pumping flammable or c	ombustible liquids. NOTE: V	V.S.D. = Variable	Speed Drive	
	rie for SP-800SR, SP-8 nd SP-8900	600, SP-8700,		AtEx	Ex Ce
MODEL	ENCLOSURE	POWER	WATT	V.S.D.	WT (kg)
SP-420EX	Explosion Proof	220-240V/1/50-60Hz	600	No	7,7
🚺 See warnin	g at bottom of page.	NOTE: V.S	5.D. = Variable S	peed Drive	
SP-A1 for S	SP-8600, SP-8700, SP	-8800 and SP-8900 s	eries	AtEx	Ex Ce
MODEL	CONSUMPTION	MAXIMUM INLET PRESSURE	OUT	ΓΡυτ	WT kg
SP-A1	22 CFM @ 90 psi	100 psi	1/2	HP	1,2
	(10.4 L/sec @ 6,2 bar)	(6,8 bar)	(370 W)		
see warning	at bottom of page.	Warning: Not reco	mmended for u	ise with the SP	-800SR Series pump.
SP-A2 serie	es for SP-8600, SP-87	00, SP-8800 and SP-8	3900 seri	ies	Ce
MODEL	CONSUMPTION	MAXIMUM	OUT	PUT	WT



WARNING: Pumping of flammables or combustible liquids can generate a static electric discharge, causing fire or explosion resulting in injury or death. Read and under-stand operating instructions before starting this unit. Follow all federal, state and local safety codes including NFPA 30 - NFPA77. Prior to connecting to air supply, install bond and ground wires and check continuity of each wire. A meter reading of one ohm or less is required for safe liquid transfer. Use only metallic drum, receiving vessel and metallic pump when pumping flammables. Air motors are not recognized under any current Underwriter's Laboratory listing program. Consult a qualified engineer for suitability for use in a hazardous area or on flammables.

APPLICATIONS





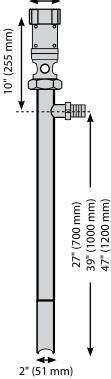




SP-800SR | Sanitary Series

Standard's 800SR series pumps are engineered for transferring viscous food products, pharmaceutical ingredients and cosmetic lotions from drums, ToteTanks[®] and kettles. The progressive cavity design delivers a continuous flow with little product degradation. Maximum viscosity is 25,000 cps (mPAS).





Common Applications

- **Pie Fillings**
- **Juice Concentrates**

Technical Data

Immersion Lengths:

Wetted Components:

Inlet/Discharge Size:

Maximum Viscosity:

• 1851 Series

• 752 Series

Maximum Flow Rate:

Duty Cycle:

Pump Weight:

• 1851 Series

Maximum Temperature: Teflon Stator

Buna Stator

Maximum Solid Size:

Mechanical Seal: Stator Materials:

Bag Liner Series:

• 751& 752 Series

• 751& 752 Series

Maximum Discharge Pressure: • 751 & 1851 Series

Pump Finish:

Motor Drives:

- Sauces
- Chocolate
- Lotions

Design:

Shampoo

Features

- **Hygienic Design**
- Easy To Clean & Maintain
- **Gentle Product Treatment**
- **Continuous Flow**



Progressive Cavity / Positive Displacement Motor Drive 27" (700 mm) 39" (1000 mm) 47" (1200 mm) Please add 5" (127 mm) to the immersion length of pump for the 752 series pumps. Tube & Rotor Assembly: 316 Stainless Steel Stator Material: Teflon or White Buna 32 Ra SP-ENC, Variable Speed, SP-420EX Explosion Proof 2" (51 mm) / 1.5" (38 mm) Hose Barb not included optional 1.25" (32 mm) hose barb 25,000 cps (mPAS)

10,000 cps (mPAS)

6 bar 12 bar

45 I PM based on water 26 LPM based on water Intermittent (30 Min. Intervals) 7,7 kg - 11 kg Varies upon model, does not include motor weight

148° C 85° C .25" (6 mm) SiC/Viton/SiC Teflon or White Buna Optional pump intake design available for applications with hygienic liners

Warning: Not suitable for pumping flammable or combustible liquids. Note: Pump is constructed with FDA compliant materials. Note: Refer to page 8 for motor information.



SP-420FX

Bag Liner Series Pump Intake







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Specialized Pump Intake Design

Engineered for Applications with Hygienic Liners

Bag Liner Series Pump Intake







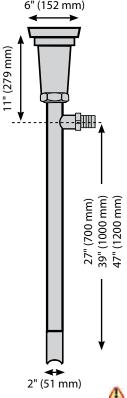
SP-800DD | Sanitary Series

Standard's 800DD series pumps are engineered for transferring viscous food products, pharmaceutical ingredients and cosmetic lotions from drums, ToteTanks[®] and kettles. The progressive cavity design delivers a continuous, smooth flow with little product degradation. Maximum viscosity is 100,000 cps (mPAS).

27" (700 mm)

39" (1000 mm) 47" (1200 mm)





Pump Weight: Maximum Temperature: • Teflon Stator • Buna Stator Maximum Solid Size: Mechanical Seal: Stator Materials: Mounting Flange: Bag Liner Series: Features

- Hygienic Design
- Easy to Clean & Maintain
- Gentle Product Treatment

Progressive Cavity / Positive Displacement

Continuous Flow



Motor Drives



Electric

Wetted Components:

Common Applications

Juice Concentrates

Pie Fillings

Chocolate

Technical Data

Immersion Lengths:

Honey

Lotions Shampoo

Design:

Pump Finish: Motor Drives: Inlet/Discharge Size:

Maximum Viscosity: • 751& 752 Series

• 1851 Series

752 Series

Maximum Flow Rate:

• 1851 Series

• 751& 752 Series

Maximum Discharge Pressure: • 751 & 1851 Series Please add 5" (127 mm) to the immersion length of pump for the 752 series pumps Tube & Rotor Assembly: 316 Stainless Steel Stator Material: Teflon or White Buna 32 Ra IEC motor and Air motor 2" (51 mm) / 1.5" (38 mm) hose barb not included

optional 1.25" (32 mm) hose barb

100,000 cps (mPAS) 10,000 cps (mPAS)

6 bar 12 bar

45 LPM based on water 26 LPM based on water 8,7 kg - 11,8 kg Varies upon model, does not include motor weight

148° C 85° C .25" (6 mm) SiC/Viton/SiC Teflon or White Buna B14/C140-160 Optional pump intake design available for applications with hygienic liners



Stainless Steel



Air Motor

Bag Liner Series Pump Intake



Note: Pump is constructed with FDA compliant materials. Note: Refer to page 14 for motor information.

Specialized Pump Intake Design

Engineered for Applications with Hygienic Liners

Bag Liner Series Pump Intake









Electric Motor, IP55 — 190 / 380 // 230 / 460/ 3 / 50-60 Hz

MODEL	HP	KW	RPM	ENCLOSURE	FRAME	FLANGE	WT kg
SP-502	0.75	,55	750–900	TEFC (IP55)	90LC	B14/C140	25,5
SP-512	1	,75	750–900	TEFC (IP55)	100LC	B14/C160	25,5
SP-522	1.5	1,1	750–900	TEFC (IP55)	100LC	B14/C160	35,5
0017 Motor wiring for 230V/3/50-60 Hz which includes 570, 571, 572, 8708							



Electric Motor, IP56 — 190 / 380 // 230 / 460/ 3 / 50-60 Hz

MODEL	HP	KW	RPM	ENCLOSURE	FRAME	FLANGE	WT kg
SP-504	0.75	0,55	750-900	Washdown (IP56)	90LC	B14/C140	25,5
SP-514	1	0,75	750-900	Washdown (IP56)	100LC	B14/C160	27,7
SP-524	1.5	1,1	750-900	Washdown (IP56)	100LC	B14/C160	36,3
0017 Motor wiring for 230V/3/50-60 Hz which includes parts 570, 571, 572, 8708						8708	



Electric Motor, Stainless Steel — 190 / 380 // 230 / 460/ 3 / 50-60 Hz

MODEL	HP	KW	RPM	ENCLOSURE	FRAME	FLANGE	WT kg
SP-508	0.75	0,55	750-900		90LC	B14/C140	29,5
SP-518	1	0,75	750-900		100LC	B14/C160	47,2
SP-528	1.5	1,1	750-900		100LC	B14/C160	52,2
0017			(220)//2				0700

0017 Motor wiring for 230V/3/50-60 Hz which includes parts 570, 571, 572, 8708

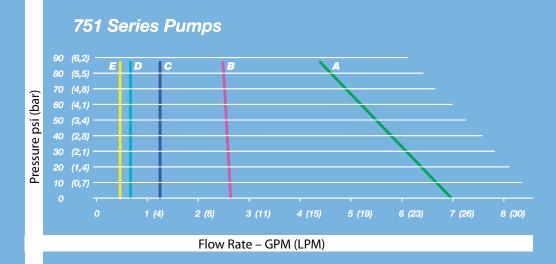
Air Motor



MODEL	ΗP	kW	RPM	AIR CONSUMPTION	FRAME	Air CONN. Inch (mm)	WT Kg
SP-A4FP	2	1,5	300–900	80 CFM @ 100 psi 37 L/Sec @ 7 bar	IEC#72/D71	1/4" (6,35)	5,0
SP-A6FP	4	3,0	300–900	130 CFM @ 100 psi 65 L/Sec @ 7 bar	IEC#72/D80	1/2" (12,7)	11,0
SP-A8FP	5	3,7	300-900	170 CFM @ 100 psi 80 L/Sec @ 7 bar	IEC#72/D90	1/2" (12,7)	12,0

Note: Motors are intended for use with SP-800DD pump on page 12.

Performance Curves



	Viscosity cps	Electric	Air
	(mPas)	HP (KW)	HP (KW)
А	1	.75 (,55)	2 (1,5)
В	10,000	.75 (,55)	2 (1,5)
С	30,000	1 (,75)	4 (3)
D	60,000	1 (,75)	4 (3)
Е	100,000	1.5 (1,1)	5 (3,7)

Electric

HP (KW)

.75 (,55)

.75 (,55)

1 (,75)

1 (,75)

1.5 (1,1)

Air HP (KW)

2 (1,5)

2 (1,5)

4 (3)

4 (3)

5 (3,7)

Viscosity cps

(mPas)

1

10,000

30,000

60,000

100,000

А

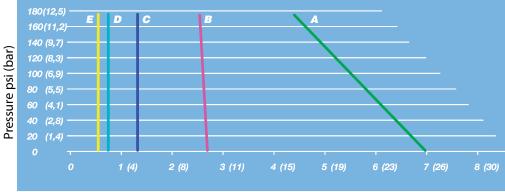
В

С

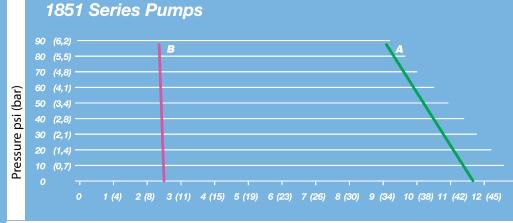
D

Е





Flow Rate - GPM (LPM)



	Viscosity cps	Electric	Air
	(mPas)	HP (KW)	HP (KW)
А	1	.75 (,55)	2 (1,5)
R	10,000	75 (55)	2(15)

Flow Rate - GPM (LPM)

Technical Notes

- · Performance Curves are intended to be used as a guide only as individual results may vary.
- Pump Stator Elastomers (Teflon or Buna) may vary performance. .
- Performance Curves were created using a 900 RPM motor. Reducing motor speed will decrease • pump performance. Do NOT increase motor speed above 900 RPM's.
- Pump Curves were created with a Newtonian Polymer (Viscosity remains constant regardless of shear). Non-Newtonian materials (viscosity does not remain constant with shearing) may vary performance.

🔼 WARNING: Do NOT increase motor speed above 900 RPM's. Failure to comply will result in pump failure and possible injury.

DISCHARGE HOSE CLAMP

PART NUMBER

9038

DESCRIPTION Malleable Iron Two Bolt Clamp Gripping Ridges, Reinforced Lugs Hose Size from 1-48/64" to 2-3/64" (44,50 mm to 52 mm) Torque Value: 27 ft. lbs. (3,75 kg/m) for Proper Attachment



Goodyear Blue Food Flexwing Hose

Part Number 9037-A 1" 9037-A 1½"		Inner Liner: NE Outer liner: CR Conforms to Fl	DESCRIPTION hose for discharge: R 3 tube, oil and fat , blue, oil and fat res DA-3A and USDA sta odyear Blue Food Fle	Α″		
Nom. ID	Nom. OD	Max WP	Bend Radius	Vacuum	Weight	Temp Range
in/mm	in/mm	Bar	in/mm	Bar	kg-m	C°
1,0/25,4	1.46/37	10	3,9/100	0,9	0,850	-30 to +93
1,5/38	1,96/50	10	6,1/155	0,9	1,340	-30 to +93

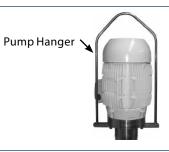
PUMP HANGER

PART NUMBER

8430

DESCRIPTION Pump Hanger Provides a Convenient Solution

for Attaching the Pump to a Hoist System



HAND CLAMP, SPOUT, TUBE WIPER and TRI-CLAMP

PART NUMBER	DESCRIPTION					
9005	Hand Clamp, SS316 Construction, Engineered to Vertically					
	Stabilize Pump type SP-8600 in Open Top Containers	58				
9004	Sanitary Spout, SS316L, 1,5" (38mm) O.D, 30" (760mm) length	3				
9009	Sanitary Pump Tube Wiper, Food Grade Buna, 50mm I.D.					
	suitable for SP-800 series					
9009-01	Sanitary Pump Tube Wiper, Food Grade Buna, 37mm I.D.					
	suitable for SP-8600-SP-8900					
833	Tri-Clamp, 1,5", SS316	8				
834	Hose Barb 1,25" (32mm)					
835	Hose Barb 1,5" (38mm)	ł				
16						





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METERING SYSTEMS



Ultra Mass Series ELECTRIC | Batch Control System - for non-conductive liquids -

Standard's Ultra Mass Batch Control is an innovative system designed for dosing applications from drums, ToteTanks[®] and kettles. Simply dial in your desired volume or weight and the Ultra Mass BCS will deliver a preset dose of product – virtually hands free. The system's components are 3A certified insuring the highest quality product suitable for the Food Processing, Pharmaceutical, Dairy and Bio-Tech industries.



Common Applications

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

Features

- 3A (TPV) Certified 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

Technical Specifications

Design: Immersion Length: Wetted Components: Pump Finish: Motor Drive: Inlet/Discharge Size: Viscosity Range: P/N: 8500 (110v), 8501 (220v) P/N: 8513 (110v), 8514 (220v) Maximum Discharge Pressure: P/N: 8500 (110v), 8501 (220v) P/N: 8513 (110v), 8514 (220v) Maximum Flow Rate: P/N: 8500 (110v), 8501 (220v) P/N: 8513 (110v), 8514 (220v) Duty Cycle: System Weight: Maximum Temperature: Maximum Solid Size: Mechanical Seal: Metering Principle: Check Valve: System Accuracy: **Bag Liner Series:**

Progressive Cavity / Positive Displacement 39" (1000 mm), 44" (1120mm) upon request 316SS, PTFE and SiC 32 Ra SP-ENC (IP54), Variable Speed 2" (51 mm) / 1.5" (38 mm)

1-10,000 cps (mPAS) 10,000-25,000 cps (mPAS)

3 bar based on water 6 bar based on water

30,2 LPM based on water 11,3 LPM based on water Intermittent (30 Min. Intervals) 26 kg 85° C .25" (6 mm) SiC / Viton / SiC Coriolis Mass Flow Meter Technology 316 Stainless Steel +/-.30% of Reading Optional pump intake design available for applications with hygienic liners







Ultra Mass Series AIR | Batch Control System - for non-conductive liquids -

Standard's Ultra Mass Batch Control is an innovative system designed for dosing applications from drums, ToteTanks[®] and kettles. Simply dial in your desired volume or weight and the Ultra Mass BCS will deliver a preset dose of product – virtually hands free. The system's components are 3A certified insuring the highest quality product suitable for the Food Processing, Pharmaceutical, Dairy and Bio-Tech industries.



(uuoos)),65 (Relay Box Width: 5" (127 mm) Height 3" (76 mm) Depth: 5" (127 mm)

2" (51 mm)

Common Applications

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

Features

- 3A (TPV) Certified 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

Technical Specifications

Design: Immersion Length: Wetted Components: Pump Finish: Motor Drive: Inlet/Discharge Size: Viscosity Range: P/N: 8540 (110v), 8541 (220v) P/N: 8550 (110v), 8551 (220v) Maximum Discharge Pressure: P/N: 8540 (110v), 8541 (220v) P/N: 8550 (110v), 8551(220v) Maximum Flow Rate: P/N: 8540 (110v), 8541 (220v) P/N: 8550 (110v), 8551 (220v) Duty Cycle: System Weight: Maximum Temperature: Maximum Solid Size: Mechanical Seal: Metering Principle: Check Valve: System Accuracy: **Bag Liner Series:**

Progressive Cavity / Positive Displacement 39" (1000 mm), 44" (1120mm) upon request 316SS & PTFE 32 Ra SP-A4FP (1,5kW) AIR 2" (51 mm) / 1.5" (38 mm)

1-10,000 cps (mPAS) 10,000-25,000 cps (mPAS)

3 bar based on water 6 bar based on water

30,2 LPM based on water 11,3 LPM based on water Intermittent (30 Min. Intervals) 26 kg 85° C .25" (6 mm) SiC / Viton / SiC Coriolis Mass Flow Meter Technology 316 Stainless Steel +/- .30% of Reading Optional pump intake design available for applications with hygienic liners

Bag Liner Series Pump Intake

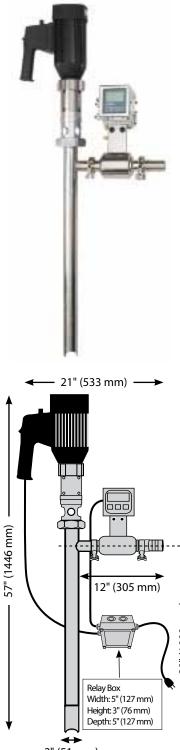






Ultra Mag Series ELECTRIC Batch Control System - for conductive liquids -

Standard's Sanitary Batch Control System is engineered for dosing and filling operations from drums, ToteTanks® and kettles - virtually hands free. This system utilizes a non-invasive Full Bore Magmeter for flow and volume measurement. Simply dial in desired volume, press enter, and the Ultra Mag delivers a preset volume of material. The system is an excellent solution for conductive food products, pharmaceutical ingredients and cosmetic materials.



Common Applications

- Lotions
- Chocolate
- Juice Concentrates
- Brine Features
- Large Graphic Display
- .05%+/- Repeatability
- Non-Invasive Measurement
- Max. Viscosity 25,000 cps (mPAS)
- **Standard or Metric Units of Measure**

Technical Specifications

Tomato Paste

Pharmaceuticals

Shampoo **Pie Fillings**

- **Tri-Clamp Fittings**
- Low Shear Design
- **Easy to Clean Design**
- **Multi-language Display**
- **Measures Volume**
- **3A Certification**

mm) 39" (1000 2" (51 mm)

Design: Immersion Length: Wetted Components: **Pump Finish:** Motor Drive: Inlet/Discharge Size: **Viscosity Range:** P/N: 8300 (110v), 8301 (220v) P/N: 8313 (110v), 8314 (220v) Maximum Discharge Pressure: P/N: 8300 (110v), 8301 (220v) P/N: 8313 (110v), 8314 (220v) **Maximum Flow Rate:** P/N: 8300 (110v), 8301 (220v) P/N: 8313 (110v), 8314 (220v) **Duty Cycle:** System Weight: Maximum Temperature: Maximum Solid Size: **Mechanical Seal:** Metering Principle: **Check Valve:** System Accuracy: **Conductivity:**

Bag Liner Series:

Progressive Cavity / Positive Displacement 39" (1000 mm), 44" (1120mm) upon request 316 SS & PTFE 32 Ra SP-ENC (IP54), Variable Speed 1.5" (38 mm)

1-10,000 cps (mPAS) 10,000-25,000 cps (mPAS)

3 bar based on water 6 bar based on water

30,2 LPM based on water 11.3 LPM based on water Intermittent (30 Min. Intervals) 24 Kg 100° C .25" (6 mm) SiC / Viton / SiC Full Bore Mag Flow Meter 316 Stainless Steel +/- 0.2% of reading (+/- .5% Repeatability) System requires 5 micro-semans (µS/cm) of conductivity Optional pump intake design available for applications with hygienic liners

Bag Liner Series Pump Intake



Ultra Mag Series AIR Batch Control System - for conductive liquids -

Standard's Sanitary Batch Control System is engineered for dosing and filling operations from drums, ToteTanks[®] and kettles - virtually hands free. This system utilizes a non-invasive Full Bore Magmeter for flow and volume measurement. Simply dial in desired volume, press enter, and the Ultra Mag delivers a preset volume of material. The system is an excellent solution for conductive food products, pharmaceutical ingredients and cosmetic materials.



Common Applications

- Lotions
- Chocolate
- Juice Concentrates
- Brine

Features

- Large Graphic Display
- .05%+/- Repeatability
- Non-Invasive Measurement
- Max. Viscosity 25,000 cps (mPAS)
- Standard or Metric Units of Measure

Technical Specifications

Pie Fillings Pharmaceuticals

Shampoo

- Tomato Paste
 - Tri-Clamp Fittings
 - Low Shear Design

 - Easy to Clean Design
 - Multi-language Display
 - Measures Volume
 - 3A Certification

21" (533 mm)

Design: Immersion Length: Wetted Components: **Pump Finish:** Motor Drive: Inlet/Discharge Size: **Viscosity Range:** P/N: 8340 (110v), 8341 (220v) P/N: 8350 (110v), 8351 (220v) **Maximum Discharge Pressure:** P/N: 8340 (110v), 8341 (220v) P/N: 8350 (110v), 8351 (220v) **Maximum Flow Rate:** P/N: 8340 (110v), 8341 (220v) P/N: 8350 (110v), 8351 (220v) **Duty Cycle:** System Weight: Maximum Temperature: Maximum Solid Size: **Mechanical Seal: Metering Principle: Check Valve:** System Accuracy: Conductivity:

Bag Liner Series:

Progressive Cavity / Positive Displacement 39" (1000 mm), 44" (1120mm) upon request 316 SS & PTFE 32 Ra SP-A4FP (1,5kW) AIR 1.5" (38 mm)

1-10,000 cps (mPAS) 10,000-25,000 cps (mPAS)

3 bar based on water 6 bar based on water

30,2 LPM based on water 11,3 LPM based on water Intermittent (30 Min. Intervals) 24 Kg 100° C .25" (6 mm) SiC / Viton / SiC Full Bore Mag Flow Meter 316 Stainless Steel +/- 0.2% of reading (+/- .5% Repeatability) System requires 5 micro-semans (µS/cm) of conductivity Optional pump intake design available for applications with hygienic liners

Bag Liner Series Pump Intake







Flow Meter & Pump System ELECTRIC

Standard's Flow Meter & Pump System is engineered to dispense and meter materials from drums, ToteTanks[®] and kettles. The system includes a 3A Sanitary Transfer Pump and a 3A Turbine Flow Meter. The meter offers a truly hygienic design and accurate performance. A two-piece design offers operators to quickly disassemble and clean internal components. In addition, the unique design eliminates the need for internal locking rings. The proven Flow Meter & Pump System is an excellent choice for metering low viscosity liquids.



Common Applications

- Milk
- Brine Solutions
- Beer
- Filtered Juice
- Water
- Filtered Wine

Features

- Tri-Clamp Fittings
- Turbine Paddle Wheel
- Easy to Clean Design
- 3A Certification
- Viscosity to 100 cps (mPAS)
- Remote Mount Meter Display

Technical Specifications

Pump Design: Immersion Length: Wetted Components: Pump Finish: Motor Drive: Inlet/Discharge Size: Maximum Viscosity: Maximum Flow Range: Duty Cycle: System Weight: Maximum Temperature: System Accuracy: Meter Power Supply:

Centrifugal / Turbine Meter 39" (1000 mm), 47" (1200mm) upon request 316SS, PTFE & BUNA 32 Ra SP-ENC (IP54), Variable Speed 1" (25mm) / 1.5" (38mm) Tri-Clamp 100 cps m/PAS 121 LPM based on water Continious 11 Kg 121° C +/- 0.5% (+/- .10% Repeatability) 12 v/DC

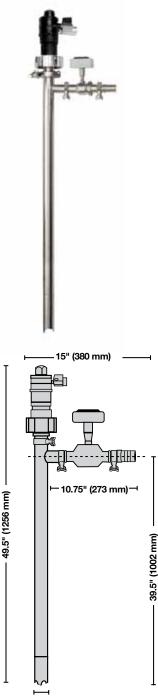
Note: Pump and meter are constructed with FDA compliant materials.

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1.5" (38 mm)

Flow Meter & Pump System AIR

Standard's Flow Meter & Pump System is engineered to dispense and meter materials from drums, ToteTanks[®] and kettles. The system includes a 3A Sanitary Transfer Pump and a 3A Turbine Flow Meter. The Meter's two-piece design enables operators to quickly disassemble and clean internal components. In addition, the unique design eliminates the need for internal locking rings. The proven Flow Meter & Pump System is an excellent choice for metering low viscosity liquids.



Common Applications

- Milk
- Brine Solutions
- Beer
- Filtered Juice
- Water
- Filtered Wine



Features

- Tri-Clamp Fittings
- Turbine Paddle Wheel
- Easy to Clean Design
- 3A Certification
- Viscosity to 100 cps (mPAS)
- Remote Mount Meter Display

Technical Specifications

Pump Design:	
Immersion Length:	;
Wetted Components:	;
Pump Finish:	:
Motor Drive:	5
Inlet/Discharge Size:	
Maximum Viscosity:	
Maximum Discharge Pressure:	(
Maximum Flow Range:	ł
Duty Cycle:	(
System Weight:	
Maximum Temperature:	
System Accuracy:	
Meter Power Supply:	

Centrifugal /Turbine Meter 39" (1000 mm), 47" (1200mm) upon request 316SS, PTFE & BUNA 32 Ra SP-A1 1" (25mm) / 1.5" (38mm) Tri-Clamp 100 cps m/PAS 0,9 bar 83 LPM based on water Continious 7 Kg 121° C +/- 0.5% (+/- .10% Repeatability) 12 v/DC

1.5" (38 mm)

SANITARY

Pure Pump - the Sanitary Line of drum pumps and motors manufactured by Standard Pump, Inc., USA is the perfect solution for any task of pumping fluids and pastes used in the food and pharmaceutical industries.

The Pure Pump ranges include stainless steel centrifugal pumps and stainless steel progressive cavity pumps for fluids/pastes of up to 100.000 cps (mPas) viscosity. The drum pumps are available in various immersion lengths and with a selection of different electric and pneumatic motors. Centrifugal pumps as well as progressive cavity pumps can be supplied with basic Flow Meters or as integrated Batch Control Systems.

The Pure Pump line of drum pumps and motors is distributed by national distributors located in most European countries. The Pure Pump distributors service their customers in the form of technical advice and fast supply from their stock of drum pumps and motors, supported by a European back-up stock located in Denmark.

Pure Pump – air-operated double diaphragm (AODD) sanitary pumps









Pure Pump AODD pumps are available in different sizes and configurations – suitable for countless applications in the food and pharmaceutical industries.

Pure Pump AODD pumps are made of FDA-compliant materials designed for sanitary applications. The top-of-the-range pumps are certified to comply with the most stringent safety standards of the 3A council.

Pure Pump AODD pumps are made of SS316 and highly polished Stainless Steel components and the choice of PTFE or Santoprene diaphragms and flow rates up to 886 LPM.

For further details please contact your local Pure Pump distributor or Standard Pump Europe, E-mail: info@pure-pump.eu



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