

**INFINITE APPLICATIONS.
ONE SOLUTION. SOTERA.**



**SS435
Chemtraveller®**



SS420



SS417



SS419X665



SS445



SS415X731PG

IN TODAY'S AGRICULTURAL AND INDUSTRIAL MARKETS, THERE ARE AS MANY DELIVERY SYSTEMS AS THERE ARE CHEMICALS. ISN'T IT GOOD TO KNOW THAT YOU CAN RELY ON ONE NAME TO FIT ALL YOUR CHEMICAL TRANSFER NEEDS? FROM DRUMS, TO TANKS, TO SPRAYERS, TO BARRELS, **SOTERA** PROVIDES RELIABLE COST-EFFECTIVE OPTIONS FOR SIMPLE, SAFE AND ACCURATE TRANSFER OF CHEMICALS FOR YOUR BUSINESS.

Series 400 Dual Diaphragm Chemical Pumps

What do I look for in a chemical pump?

- Pump up to 15 GPM.
- Run **dry or in shutoff** without failure.
- The diaphragm pump does not shear or degrade chemicals that are multi-component mixtures.
- Unique design eliminates high pressure bypass by allowing diaphragms to "idle" when nozzle is shut off.
- The double diaphragm pump is very simple to maintain and service in the field.
- Dead Head Amp Draw — draws less than 5 amps; other pumps draw over 20 amps, which can reduce motor life.
- Can pass particle sizes several times larger than the competition. Designed to pump thick products.
- Versatility. The Sotera pump can easily mount to every common tank or drum.
- Polypropylene Series 400 pump has special chemical resistant seals and gaskets, and is made to stand up to chemicals.



SS415X731PG

Especially suited to economically withdraw from top (2" NPT) or bottom (2" Camlock) of caged IBC's and Drums.



SS435 Chemtraveller®

Portable pump on tubular frame complete with top and bottom adapter kits.



SS445

Liquid recirculation pump for chemicals that stratify or separate. Diaphragms reduce risk of shearing, ensuring safe mixing without breakdown. Mounts on 9" GEM threads.



SS417

Quickly attaches to generic 2" NPT or buttress tank (barrel) openings.



SS419X665

Tank mount system that attaches to Monsanto Keylock® system.



SS420

Tank and drum mounted system used on most 2" NPT application.

SERIES 400 DUAL DIAPHRAGM CHEMICAL PUMP SPECIFICATIONS

Pump Specifications

Reciprocating, spring-driven, dual-diaphragm design
 Flow Rate: 15 GPM (1.5 cps)
 12 GPM (350 cps)
 Max Pressure: 15-17 psi
 Max Lift/Water: 10'
 Max Operating Temperature: 130° F

Materials of Construction

Pump: glass filled polypropylene
 Internal wetted parts: polypropylene, fluorocarbon, stainless steel & EPDM
 Fluid Viscosities up to 3700 cps
 Inlet port: 1.0" FNPT
 Outlet port: 1.0" FNPT
 Particle tolerance up to 0.1" diameter

Motor Specifications

110 V AC, 12 V DC, 24 V DC & 230 V VC
 1/4 HP, 20 amps maximum draw (12 V DC)
 1/4 HP, 60 Hz (110 V AC)
 Thermal overload protection
 Heavy-duty 3 wire cable (110 V AC)
 Heavy-duty switch (12 & 115V AC)
 Quality ball bearing motor construction

PumpBiz, Inc.
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