



## SD SERIES EXPANSION

FDA STAINLESS STEEL DIAPHRAGM PUMP

**COMPLETE LINE: 1/2", 1", 1-1/2", 2", AND 3"**

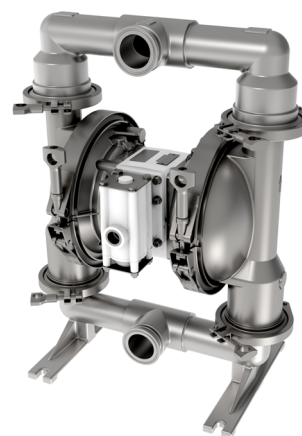
**NOW AVAILABLE WITH STAINLESS STEEL\* OR POLYPROPYLENE CENTER BODY**



1/2" with polypropylene center body



3" with stainless steel center body



1-1/2" with polypropylene center body

## Overview

ARO has expanded its sanitary stainless steel diaphragm pump series, now offering 1/2", 1-1/2", and 3" models to complement the existing 1" and 2" options. These FDA-compliant pumps are designed to ensure quality and safety while providing an industry-leading total cost of ownership. They feature the QUICK Knock Down (QKD) compression clamp system to facilitate easier cleaning, service, and maintenance, which promotes reliability and long product life.

The SD ARO pumps are built on the robust EXP pump design, allowing for high-volume transfer and dispensing applications. This advancement empowers businesses to enhance production and better serve customer demands. Additionally, ARO's pumps meet stringent industry standards and certifications, including CE, ATEX, FDA regulation 21 CFR 177, and EU regulation 1935/2004, guaranteeing they are engineered for the highest performance and reliability in the market.

\* 1/2" available in polypropylene center body only



## Features and Benefits

- Quick Knock Down (QKD) compression clamp system design facilitates rapid disassembly for easier cleaning, service, and maintenance
- Flow-rate optimized for better overall performance and low material shear
- Gentle pumping action will not froth or separate fluid, improving end-product quality
- Ability to pass large shear-sensitive solids without degradation or heat build-up
- Ability to run dry (eliminating the risk of pump damage)
- Electro-polished stainless-steel 316L construction, FDA and CE 1935/2004 compliant materials and high temperature capability
- Center bodies available in reliable/durable stainless steel for FDA compliant environments or lighter and chemically compatible polypropylene for caustic environments
- 316L ball valve permits higher temperature operation
- Optional electronic interface capability to quickly integrate with PC or PLC systems to help reduce waste and increase productivity
- Optional single piece composite PTFE diaphragms minimizes the number of collection points for pumped fluid, speeding disassembly, cleaning and reassembly

## Typical Applications

- Food processing
- Cosmetics
- Pharmaceutical
- Chemical additives
- Adhesives (Food grade)
- Paint
- Applications requiring quick-disconnect fluid connections