



Neoflux' s sanitary and bio-pharmaceutical pumps offers a wide range of solutions for various food, beverage, dairy, personal care and biopharmaceutical applications. *Saniflux* design have been engineered to the meet the highest standards and requirements in the industry.

Neoflux's premiere sanitary and bio pharmaceutical pumps have the versatility you require, safety you need and the capability of efficiently pumping a wide range of viscosities, solids and shear sensitive products. *Saniflux* pumps are offered with electro-polish stainless steel components, available in multiple sizes and with various surface finishes. We understands that safety, performance, hygienic requirements and the careful transfer of your products are essential when choosing process equipment.

The *Saniflux Series* pump line is specifically designed to meet the strict guidelines established for sanitary process applications. These pumps incorporate a straight flow-through design, large solids passage and efficiencies to insure process success. The *Saniflux* pump line also offers pumps that are CIP (clean in place) and COP (clean out of place) for ease of use and maintenance.

Lubrication free Air Distribution System, maintenance free Ball Valve / Flap Valve System & total visual inspection of the wetted parts are some of the major features for this pump series.



Sector	Example of applications
Dairy products	Milk, Cream, Yogurt, Cream Cheese, Melted Cheese
Grocery	Ketchup, Mayonnaise, Tomato Products, Mustard
Beverages	Flavors, Coloring, Fruit Juice
Bakery	Dough, Ingredients
Brewery	Beer, Flavors, Coloring
Hygiene	Soap, Toothpaste, Shampoo
Cosmetics	Cream, Alcohol, Perfume

Difficult Applications:

- Health & personal care products
- Pharmaceutical products
- CIP fluid & joint CIP product use
- Chromatography, separation, purification & filter feed
- Acids, solvents, caustics & alcohols

Hygiene Your Process





SaniFlux the Flow with



Only 3 moving parts means Fewer Replacements

*The Unbalanced & Non-stalling
Air Valve Spool*



The Main Shaft



The Pilot Spool



Lube-Free Operation Design

Advanced Air Valve Spool eliminates the problem of freezing during the cycle and conduct a lube-free operation

Greater Discharge per CFM input

Neo-Flo Air-Distribution System starts operating at only 2 Bar (29 PSIG) Air Pressure – Less Air Consumption Equates Less Kilowatt

Inspection of Neo-Flo Air Distribution System can be done without removing the pump from service

With Neo-Muff Silencer, noise reduction as low as 69 db. Silent Operation. (OSHA Compliant)

Options of All metal as well as Plastic Air Distribution System & Center Block



Hygiene Your Process

With Saniflux Design

1. Quick Assembly / Dis-Assembly:

The Tri-clamp system ensures rapid dismantling without any tools. Bolted Construction also available.

2. Neo-Tef Design

The Neo-Tef diaphragm design has a completely plain surface, which eliminates bacteria growth problems.

3. Electro Polish Finish

Both liquid side and outside is electro polished, to obtain superior finish and hygiene. Special surface finish may be done according to your requirements.

4. Neo-Flo / Neo-Tune Air Distribution System

Lube Free Air Distribution System always keep your product & environment free from oil contamination.

5. Saniflux on the trolley

Make your Saniflux pump mobile. Trolley is available for all pump sizes.



Ferrule

Clamp

Gasket

Ferrule



Electro Polished SS-304 or SS-316L Construction Wetted Material
1" to 3" Tri-Clamp Style Connections. Bolted Construction also available
Nickel Plated Neo-Flo and Neo-Tune Air Distribution System option available
Ball Check Valves & Flap Valve Options for maximum solid passage
Neo-Tef PTFE Diaphragms & Ball Valves available
Duplex Liquid Chamber design for delicate product transfer
Maximum operating pressure 8.6 bar (125 psig)
Maximum Flow Rate upto 850 LPM (225 GPM)
CIP (Clean in Place)
SIP (Steam/Sterilize in Place)

An

hygienic Solutions

Oscillating

Technology

that *shrivels* your cost of ownership

www.neoflux.in

Hygiene Your Process



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