



Your supplier of high pressure laboratory instruments

BFSP-SERIES HIGH PRESSURE SYRINGE PUMP



Description

The BFSP-series benchtop single syringe pumps accurately deliver specified pressure, flow rate and volume at both ambient and reservoir conditions. They can operate at either constant pressure or constant flow rate. In the former mode, a pre-defined specific volume can accurately be transferred. The pump is equipped with an accurate pressure sensor, two hand-operated valves for tank feeding and outlet delivery, a control panel and a storage tank. The assembly is mounted on a chassis supported by four heavy duty casters. Optionally, a computer data acquisition and supervision system can be provided. Furthermore, a variable temperature heating mantle can be supplied to heat the fluid up to 150°C. The BFSP series volumetric capacity is customizable, and while the standard material for wetted parts is a high grade stainless steel, hastelloy can be requested for corrosive fluid applications.

Specifications

Model	Volume (ml)	Pressure (psi)	Max. flow rate (ml/min)	Min. flow rate (ml/min)
BFSP 500-15	500	15,000	40	0.0001
BFSP 1000-15	1000	15,000	80	0.0001
BFSP 500-25	500	25,000	50	0.0001

Benefits

- Ready to use pump
- Touch screen front panel
- Pulse-free flow at all rates and pressures
- Deliver or receive fluid
- Control pump based on time, pressure, flow rate, fluid volume or events
- Stainless steel or Hastelloy® wetted parts
- High temperature operation (optional)
- Video presentation:



