Your supplier of high pressure laboratory instruments

BFDP-SERIES HIGH PRESSURE DUAL SYRINGE PUMP

Description

The BFDP-series bench floor dual-syringe pumps deliver precise control over pressure, flow rate, and volume under both ambient and reservoir settings. These pumps can operate in either constant pressure or constant flow rate modes. Each unit comes equipped with dual high-precision pressure sensors, four manual valves for reservoir filling and fluid output, a user-friendly control panel, and a built-in storage reservoir. The entire assembly is securely mounted on a rugged chassis, featuring four heavy-duty casters for effortless mobility. Optional enhancements include a computerized data collection and management system, as well as a variable-temperature heating mantle capable of heating the fluid up to 150°C. The BFDP series offers adaptable volumetric capacities to meet your specific needs. While the wetted parts are constructed from high-grade stainless steel as standard, Hastelloy can be opted for in corrosive fluid applications. Additionally, the system can be upgraded with two automatic three-way, air-powered valves for both reservoir feeding and fluid output, facilitating uninterrupted continuous flow.

Download: Floxlab_Pumps_Brochure.pdf

Specifications

Model	Volume (ml)	Pressure (psi)	Max. flow rate (ml/min)
BFDP 500-15	2 x 500	15,000	40
BFDP1000-15	2 x 1000	15,000	80
BFDP 500-25	2 x 500	25,000	50

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

Unlimited continuous flow (optional)

High temperature operation (optional)

Video presentation: