



BENCH FLOOR DUAL SYRINGE PUMP (BFDP SERIES)

The Floxlab™ BFDP series pumps are designed for applications requiring accurate pulse less flow and pressure control for delivery of fluids, solvents, solutions or gas. The BFDP model uses two pump cylinders connected together by two 3-way constant volume valves.

FEATURES

- ◆ Individual or in pairs operation
- ◆ Temperature operations (optional)
- ◆ Manual or automatic valves
- ◆ Touch screen panel with Floxpump™ software
- ◆ Floxview™ supervision software (optional)
- ◆ Stainless steel or Hastelloy wetted parts



OPERATION MODES

- ◆ Constant flow operation
- ◆ Constant pressure operation
- ◆ Delivery or extraction of fluids
- ◆ Predefined volume can be delivered or received at constant flow rate.



Large choice of fluids

BFDP series can be used with various fluids such as:

- ❖ Heated fluids
- ❖ Viscous fluids
- ❖ Aqueous and organic fluids
- ❖ Liquified gases
- ❖ Corrosive solutions
- ❖ Slurries and pastes



Continuous, Pulse free flow

While one cylinder is delivering fluid, the other cylinder quickly refills. They are Pulse-free pumps by incorporating a pre-pressurization phase into each piston stroke, rather than relying on reciprocating pistons.



Very wide range of flow rate

BFDP pumps can handle flow rates from 0.0001 ml/minute to 50 ml/minute.

Thanks to their motor technology, the pumps provide exceptionally accurate flow rates.



Accurate volume measurement

Pre-pressurization enables to eliminate volume measurement error due to fluid compressibility.

YOUR SUPPLIER OF HIGH PRESSURE PUMPS

The Floxlab BFDP series provides a wide choice of pressure ratings, volumes and flow rates.

MODEL		VOLUME (ML)	PRESSURE (PSI)	MAX FLOW RATE (ML/MIN)	MINI FLOW RATE (ML/MIN)	CONNECTIONS
BFDP	500-15	500	15,000	40	0.0001	1/8 inch LP
BFDP	1000-15	1000	15,000	50	0.0001	1/8 inch LP
BFDP	500-25	500	25,000	80	0.0001	1/4 inch HP

APPLICATIONS

- ❖ Science markets
- ❖ Oil field research
- ❖ Reactant feeding supercritical fluids
- ❖ Production environments where precision in flow rate or volume measurement is critical.

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For more information



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