

TECHNICAL SPECIFICATIONS FOR HIGH PRESSURE SYRINGE PUMP

Syringe Capacity	: 500 ml or more
Flow range (mL/min)	: 0.001- 200 mL/min or more.
Flow Accuracy	: $\pm 0.5\%$ of set point
Pressure Range	: 3700 psi or more.
Standard Pressure Accuracy: 0.5% FS.	
Operating Modes	: Should work in single or continuous operation with electric or air valves.
Wetted Materials	: Nitronic 50
Plumbing Ports	: 1/8" NPT
Operating Temperature	: Room Temperature. Should have facility to work up to 200 Degree C with optional hardware.
Remote Operation	: Should have facility to work with keypad controller or in remote DCS operation with MODBUS control or 4-20 mA input & output control. Should also have facility to provide drivers for operating through Lab View software.