

The Patriot Pump

The Patriot pump is a rotary gear type positive displacement medium pressure metering pump. With a footprint of 22" L, 16" W, 24 "H, and weighing in at a mere 90 pounds, this pump packs a tremendous amount of power, efficiency and versatility in a platform that can easily be handled and operated by a single person. Whether you are applying polyurea joint fill, low/medium pressure polyurea spray or polyurethane stabilization foams, the Patriot Pump will tackle the most daunting tasks with the greatest of ease. It can be outfitted with a variety of dispense guns depending on the specific needs of the applicator.



SPECIFICATIONS

Power- 120vac @ 6 amps

Max Output- .8 gpm

Max Pressure- 800psi

Max Hose Length- 50 feet (comes standard with 25')

Tank Size- 2.5 gallons per side (5 gallons total)

COMPATIBILITY

Flow Master Gun

Flow Master Pistol

Equalizer Gun

DM 500 Divorced Manifold

PRODUCTS

Joint Shield 5500

Prime Flex 985 LX10

Prime Flex 985 LX20

Prime Rez 1000*

Prime Rez 1100*

(*= requires 2:1 version of Patriot pump)

Equalizer Gun

The Equalizer gun is the only impingement gun engineered to handle back pressure induced when conveying two-component polyurethane foam to lift slabs, fill voids and stabilize soils. Aside from the actuation valves, this gun has no internal moving parts and NO O-rings, which makes maintenance quick and inexpensive.

Used to apply Prime Flex 985 LX10 and Prime Flex 985 LX20.



Flow Master Pistol

The FlowMaster Pistol is a compact, lightweight, divorced manifold type dispense pistol. It is designed to use external static mixers. Engineered with the contractor in mind, it has only two moving parts (actuation valves) which ensures durability, ease of operation, and minimal downtime in the event of blockage or crossover.



The FlowMaster Pistol can be used with any plural component proportioner in a variety of dispense ratios.

Daily maintenance takes mere seconds using a hand held grease gun. Just pump a couple of shots of white lithium grease in the grease fittings on the sides of the dispense manifold and install threaded night caps into the gun head.

Used to apply Prime Flex 985 LX10, Prime Flex 985 LX20, Prime Rez 1000* and Prime Rez 1100*.

*= Requires 2:1 version of Patriot pump.

Flow Master Wand

The FlowMaster Wand is specifically engineered to apply Prime Resins epoxies and polyureas for joint fill applications. With the contractor in mind, the Flow Master Wand only has two moving parts (actuation valves). This ensures durability, ease of operation, and minimal downtime in the event of blockage or crossover.



The wand uses external static mixers, and has an integrated guide rod to assist in applying clean straight lines in concrete and asphalt joints. The guide rod is adjustable for use with different length and size static mixers for different applications. Daily maintenance takes just seconds using a hand held grease gun. Simply pump a couple of shots of white lithium grease in the grease fittings on the sides of the dispense manifold and install threaded night caps into the gun head.

Used to apply Prime Flex 985 LX10, Prime Flex 985 LX20, and Joint Shield 5500.

DM500 Divorced Mix Manifold

Used for specialty applications. Please call for details.

