

▶ PATRIOT™ INNOVATOR INJECTION SYSTEMS

Power, versatility, automation and unprecedented precision in two compact systems.



Patriot™ Innovator Injection System



Patriot™ Innovator Plus PLC System

DESCRIPTION:

▶ SYSTEM FEATURES

The Patriot™ Innovator Injection Systems were designed for injecting polyester, vinylester and methacrylate resins and catalyst at controlled pressures. The material mixing is done on demand at the injection head, and the catalyst ratio can be adjusted from 0.75% to 2.5%.

The fully pneumatic automated controls, controlling the number of strokes during injections, recirculation, and more makes the process easier and more efficient.

- Highly accurate Patriot™ mix/meter technology
- Powered and operated solely through pneumatics
- Resin Gel Alarm (RGA)
- Mold Pressure Guard (MPG)
- Increased efficiency
- Unique control panel
- Easy to operate

▶ SPECIFICATIONS

PATRIOT™ INNOVATOR II PRO SYSTEM

Output Capabilities: Up to 7.5 lbs./min. (3.4 kg/min.) depending on materials & application

Catalyst % Range: 0.75% to 2.5% by volume

Avg. Air Consumption: 10 CFM

Available Pump Ratio: 7:1

Max Air Input Pressure: 100PSI (7 BAR)

PATRIOT™ INNOVATOR II MEGAJECT INNOVATOR SYSTEM

Output Capabilities: Up to 7.5 lbs./min. (3.4 kg/min.) depending on materials & application

Catalyst % Range: 0.75% to 2.5% by volume

Avg. Air Consumption: 10 CFM/150 ltrs

Available Pump Ratio: 7:1

Max Air Input Pressure: 100PSI (7 BAR)

PATRIOT™ INNOVATOR HIGH VOLUME SYSTEM

Output Capabilities: 7lb-30lbs/min (1.5kg-6.7kg/min)

Catalyst % Range: .75 to 2.25%

Avg. Air Consumption: 15 CFM

Available Pump Ratio: 7:1

Max Air Input Pressure: 100PSI (7 BAR)

PATRIOT™ INNOVATOR PLUS PLC SYSTEM

Output Capabilities: Up to 7.5 lbs./min. (3.4 kg/min.) depending on materials & application

Catalyst % Range: 0.75% to 2.5% by volume

Avg. Air Consumption: 10 CFM/150 ltrs

Available Pump Ratio: 7:1

Max Air Input Pressure: 100PSI (7 BAR)

▶ OPTIONS

Heaters

- CFH Series
- Heater Control

Other Options

- Pneumatic PV Sensor
- CE Guard
- Turbo Auto Sprue
- Patriot™ Innovator Plus PLC Option

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▶ For more information about adding the Patriot™ Innovator Injection Systems to your operation, or any of your adhesive dispensing needs, visit Magnum Venus Products at www.mvpind.com.