

▶ PATRIOT™ INNOVATOR INJECTION SYSTEMS

Power, versatility, automation and unprecedented precision in two compact



Patriot Innovator Injection System



Patriot Innovator III Injection System (with PLC)

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 III SYSTEM (with PLC)

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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