

# Megaject MkV Injection System

P/N: 5818AUTO



***Suitable for Injection of Polyester, Vinylester and Methacrylates***  
***Built-In Pneumatic Interlocks***  
***Resin Gel Alarm (RGA)***



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Designed for injecting Polyester resins and catalyst at controlled pressures, this machine mixes on demand at the injection head.

## SPECIFICATION:

- Suitable for mixing and injecting Polyester, Vinylester and Methacrylate resin systems. The catalyst ratio can be infinitely adjusted from 0.5% to 3.5%.
- Head auto valves include valve position indicators.
- Built in pneumatic interlocks on both auto head valves provide guaranteed monitoring and security.
- Internal interlocks on both auto head valves prevent the possibility of solvent getting to the mould when flushing the machine head.
- Resin Gel Alarm system (RGA) provides intelligent visual and audible alarm conditions during and after machine injection.
- Battery powered with low battery power alarm.
- Pre-determined counter (PDC), with a count rate of every 100cc.
- Mould Pressure Guard (MPG). This feature allows the operator to pre-determine nozzle injection pressure from 0.5 - 8 bar.

- Complete 2 stream mixing head with standard static mixer element, air/solvent/air cleaning system and head start button.
- Full instrumentation and control panel, housed in steel lockable cabinet.
- Gel timer with alarm and alarm volume control.
- Safe, 20lt heavy-duty non-pressurised polypropylene solvent tank featuring submersed (SP-3) solvent pump system.
- Emergency stop, air failure machine shutdown with safe automatic restart on reset.
- Machine guards complying with CE Machinery Directive regulations.
- 8 litre catalyst bottle with filtered inlet line.
- Catalyst over-pressurisation, auto machine stop.
- Designed to connect to and control:

TURBO AUTOSPRUE - Automatic injection valve and PV SENSOR – For precise mould pressure control

## NOTE:

The Polyester AutoHead machine described above is only suitable for use with Polyester, Vinylester and Methacrylate resin systems.

Should you wish to retain the option of changing the pump over to use Phenolic or Epoxy resins in the future; then the manual head Megaject MkV should be considered.



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