PRODUCT BULLETIN

Automatic Replenishment System

Features:

- ☐ Reliable Microprocessor Control
- ☐ Machine Speed Sensing for Pull / Push Processing
- ☐ Front Panel Indicator Display
- ☐ Simple On-Board Programming
- ☐ On-Board Diagnostic Indicators
- ☐ Manual Override Facility
- ☐ Six Replenishment Pump Outputs
- ☐ Three Film Format Inputs
- ☐ Can be Retro-fitted to Existing Machines

Operation:

The Automatic Replenisher System uses inputs from both the Film Format Sensor and the Machine Speed Indicator to control the timing for the Replenisher Pumps. All times are programmable using the indicators and switches on the main control board. There is provision for three formats (Leader, 16mm and 35mm) and six solution pump outputs, the outputs are controlled through zero-crossing solid state relays to minimise output switching interference. All inputs and outputs are electrically isolated from the main control system to maximise tolerance to external noise.

The machine speed is monitored and the pump times (replenishment rates) are varied proportionally with machine speed variations. This feature is particularly important for negative machine "pull - push" processing as the process is fully automatic and no separate calculations need to be made for replenishment rates while operating in this mode.

The System is totally flexible and can be easily retrofitted to existing machines.