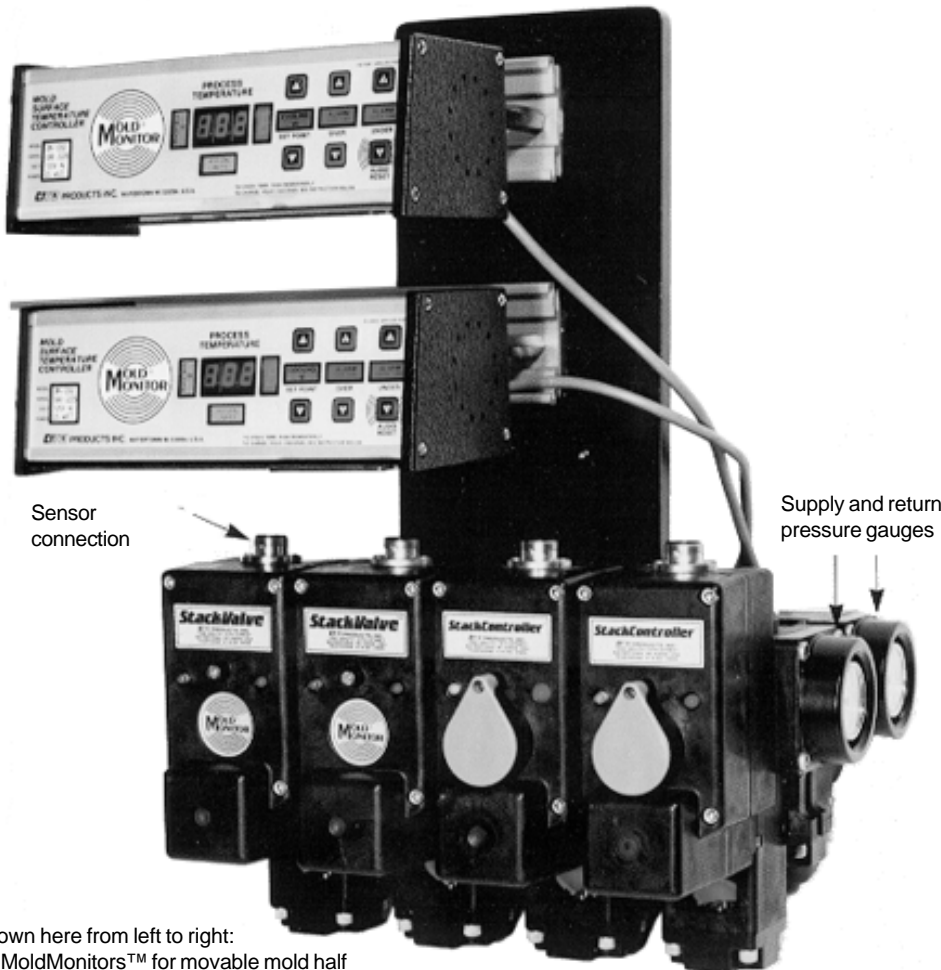


MoldMonitor™

- Pulse Cooling Technology
- Higher Part Quality
- Faster Cycle Time
- Utility Savings



The MoldMonitor™ closes the coolant loop and compensates for all mold temperature changes



Shown here from left to right:
 (1) MoldMonitors™ for movable mold half
 (1) MoldMonitors™ for stationary mold half
 (2) StackValves™ controlled by the MoldMonitor®
 (1) StackController™ for precision temperature control of hydraulic oil
 (1) StackController™ for feed zone control

MoldMonitor™

As the melt heats the mold each molding cycle, the temperature increase of the mold surface is detected by the sensor and stored for reference in the MoldMonitor™

The microprocessor converts this temperature change to a timed cooling pulse at the beginning of each molding cycle, which produces an instantaneous response (after the mold is filled) to the actual cooling needs of the mold.

This precision control is only obtainable with the MoldMonitor™ system and results in higher part quality at an optimum cycle.

The photograph at left shows two supply StackValves™ used with the MoldMonitor™. One StackController™ is used for precise control of hydraulic oil, and one StackController™ is the feed zone control.



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