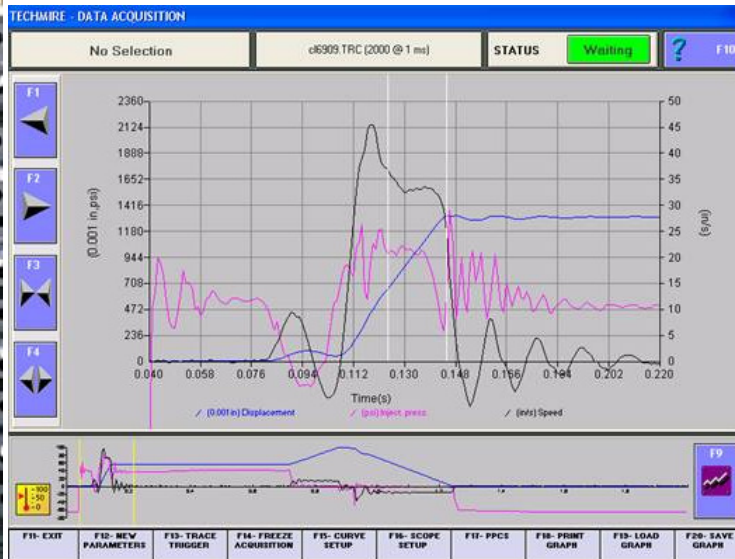


TECHMIRE

die casting solutions

LATEST MULTIPLE-SLIDE TECHNOLOGY



FOR MODEL 44NTX,66NT,88NT,1212NTX

Closed Loop Injection Control System (replacing standard hydraulic system)

- Provides full control of the speed and the hydraulic pressure inside the injection cylinder
- A servo valve and an analog output card with a software update controls the system based on data sent by transducers.
- Over 40% more power compared to a standard NT. A different injection manifold allows more flow to the injection cylinder.
- The injection cylinder movement follows a predetermined profile and therefore improves repeatability.
- Greatly reduced hydraulic spikes and leads to reduced flash on cast parts and less stress on tooling components.
- Through equations, the flow rate, the gate speed and the metal pressure are calculated.
- The results of the shot are sent to the PPCS for analysis and automatic part sorting at the machine.