



# TetraTek Products, Inc.

*We Put It All Together*

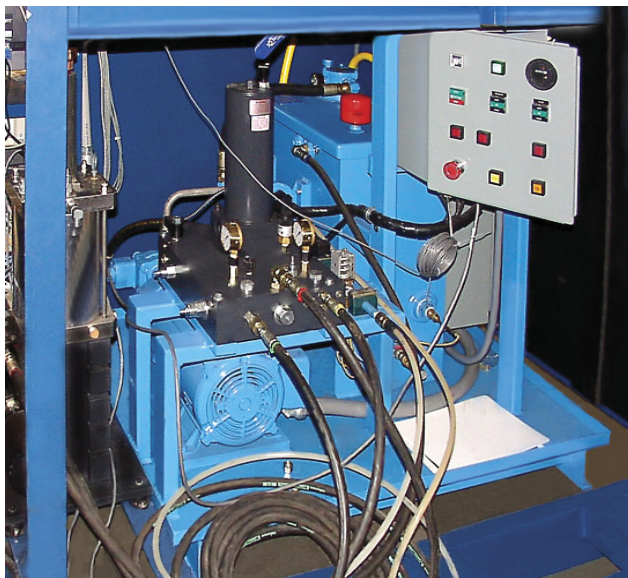
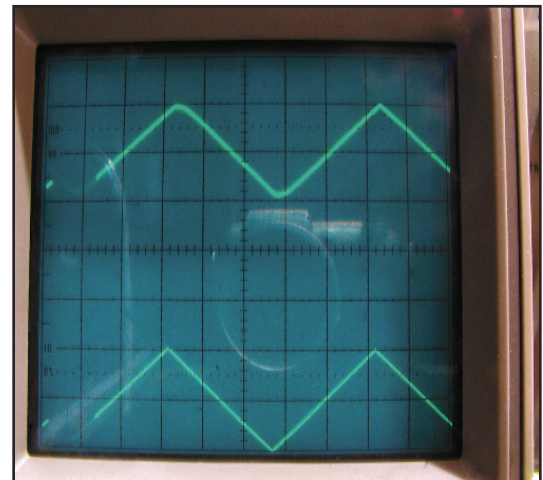
## Automobile Pressure Cycling System

In partnership with Team Corporation, a recognized leader in the fields of servo hydraulics, slip tables, hydrostatic and gas bearings, and multi-axis vibration testing solutions, TetraTek Products, Inc. has completed a pressure cycling system for testing automobile engine cooling radiators and heater cores. This system operates with a 50/50 mixture of water and glycol. It is capable of generating 200 in<sup>3</sup> fluid pulses between 0.01 and 2.0 Hertz at pressures up to 5 Bar. Pulse accuracy is + or - 0.1 Bar with rise and fall times as rapid as 0.05 seconds.

The system includes:

- A servovalve rated at 9.5 gpm flow at 1000 psid.
- A hydrostatic linear actuator.
- A pressure and a return accumulator.
- A servovalve controller.
- A hydraulic power supply rated at 3000 psi.
- An arbitrary function waveform generator.

Software is included to allow drawing and editing of waveforms and control of system parameters.



### TetraTek Products, Inc.

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