

# Hydraulic/Servo-hydraulic Test Systems

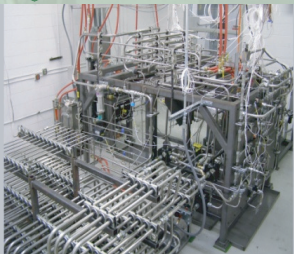
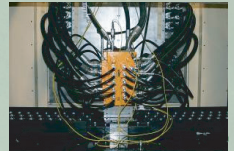
## Hydraulics Overview

Wineman Technology Inc. is an industry leader in hydraulic test. From complex avionic systems, to testing a single critical component, our solutions are designed and built to maximize performance and reliability. Applying sound engineering, creativity, and a full understanding of the customer's testing needs, we develop turnkey test stands for system, sub-system, or component level products or machinery modernization. We also provide high levels of flexibility using commercial off-the-shelf technologies.

We match each physical test system with state of the art controls. From simple open loop PC or PLC based controls to embedded real-time systems utilizing the latest innovations in control and instrumentation hardware. Many customer solutions include state of the art FPGA and system technologies that marry multiple control platforms.

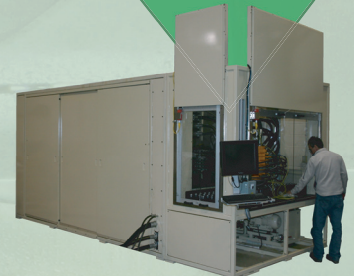


The heart of any good control system is the application software. Whether a custom LabVIEW™ application to meet a specific requirement or our proven INERTIA™ control and automation suite, our solutions always provide an intuitive, highly flexible test environment and overall capabilities previously unattainable at its cost point.



Iron Bird

Combining proven fluid power systems design with advanced automation techniques we take hydraulic testing to the next level. The result is higher quality as well as higher resolution data and control with unmatched performance and a solution that will match your exact needs and budget.



Production Valve Stand

## Components Include:

- Pumps/Motors
- Actuators/Valves
- Hoses/Fittings
- Gearboxes/Hydrostatic Transmissions



Manual Valve Stand

## Solutions Include:

- Durability/Fatigue/Life Cycle
- Ultimate Load/Strength/Burst
- Dynamometers/Laboratory Performance
- Production (End of line) Quality Audit
- Machinery Modernization
- Load Frames
- Controllers



Pump Test Stand

