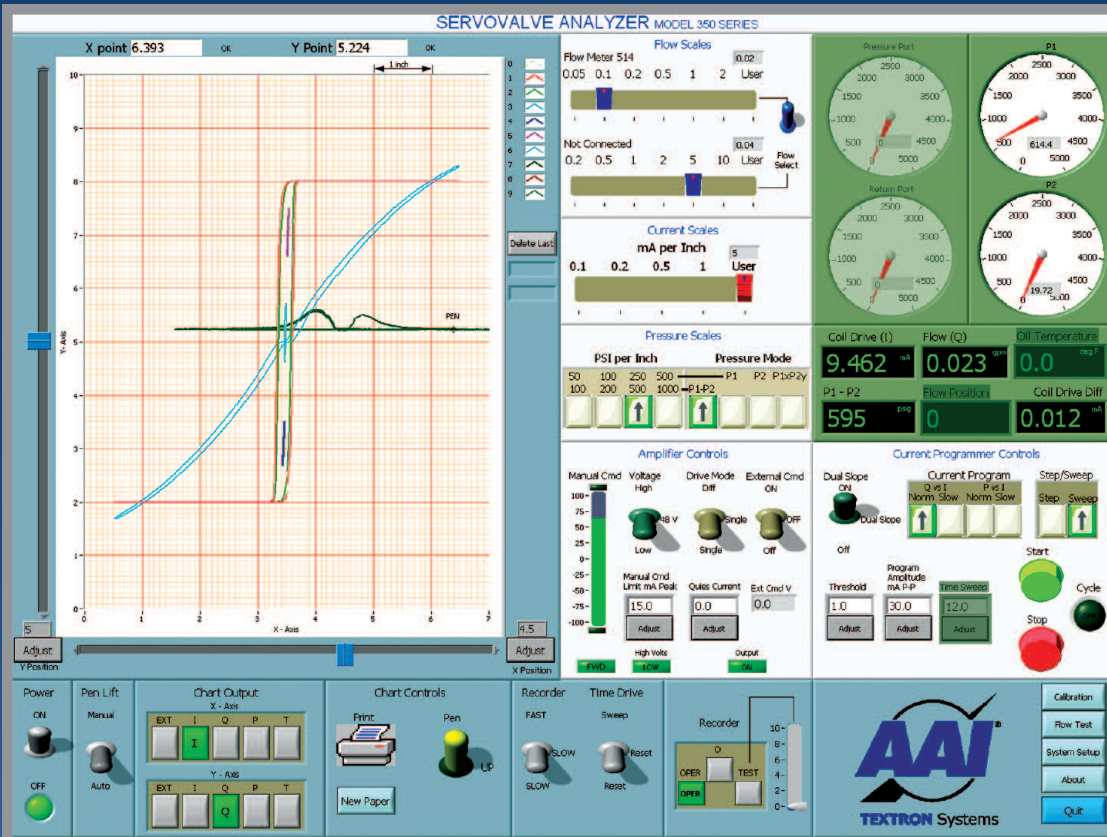


# UPGRADE FOR LESS

## Model 350-Series Analyzer



The Model 350-Series is a time-saving, cost-effective and complete replacement for outdated legacy systems.



Zero-time refurbishment of a hydraulic test stand can maximize its life at a fraction of the replacement cost.



Legacy Model 250-Series Analyzer

## Complete service package

AAI Logistics & Technical Services can provide a “drop-in” replacement to legacy Industrial Measurement and Controls (IM&C) or HR Textron analyzers without replacing the existing test stand.

In addition, AAI offers a complete service package that includes both replacement of the analyzer and refurbishment of the hydraulic test stand.

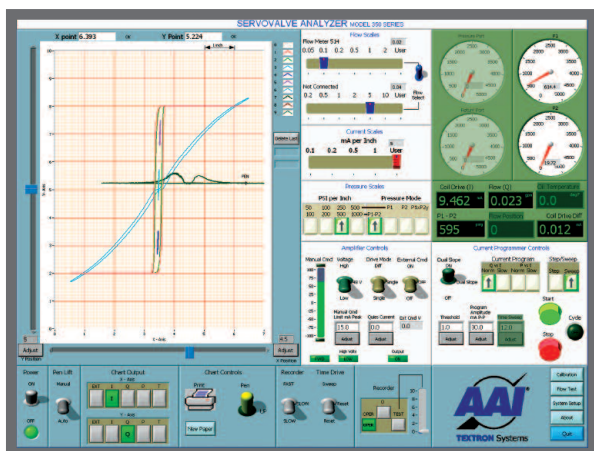
# MODEL 350-SERIES ANALYZER

AAI Logistics & Technical Services has designed the Model 350-Series Analyzer as a drop-in replacement for earlier HR Textron and IM&C models, including the IM&C Model 250 Series Servo Analyzer that has been in service for more than 40 years.

## Features and benefits:

- Emulates the operation of legacy products to minimize required transition training
- Vast test and analysis capability
- Standard Universal Serial Bus, or USB
- Network printer capability
- Ability to auto-scale and print valve test results on demand
- Pressure curves versus applied current to reveal pressure gain
- Flow grind measurements and plots
- Plots showing flow gain, linearity, hysteresis, null shift and more
- Curves of return-port flow versus current showing internal leakage
- 20-inch color liquid crystal display, or LCD, monitor
- Hydraulic, fluid-resistant touch screen

Upgrading legacy systems improves production and saves both time and money. Call the AAI Logistics & Technical Services Utah Technology Center today to learn how the team can typically save customers 40-60 percent compared to replacement cost.



Monitor is a 20-inch, color LCD, hydraulic fluid-resistant touch screen.

## Specifications

### Computer (Minimum Specifications)

- Processor: Intel Multi-Core
- Memory: four gigabytes (GB)
- Hard drive: 500 GB
- Ethernet: 10/100/1000
- Six USB ports
- Operating systems: Windows®7 and LabVIEW®
- Monitor: 20-inch, color LCD, hydraulic fluid-resistant touch screen
- Standard USB and network printer capability

### Control and Instrumentation

#### Current

- +/-300 milliamp (mA) single or differential; 16-bit digital-to-analog converter
- Manual, automatic or external command
- Recording sensitivity: 0.1-99.99 mA/inch
- Accuracy: +/- 0.25 percent of recording range
- Sample rate: 20 milliseconds (50 hertz)
- Quiescent range: 0-99.9 mA (in user-selected increments of 0.1 mA)
- Flow: two channels and 24-bit input resolution (accuracy dependent on the utilized flow cylinder)

#### Pressure

- Six channels (expandable to 10)
- 24-bit input resolution
- Excitation: 5 volts
- Measurements: P1, P2, P1-P2, C1, C2, pressure port and return port
- Recording accuracy: 0.25 percent

#### External Plot Input

- Two channels
- 24-bit input resolution
- 1 millivolt per inch recording sensitivity

#### Temperature

- One channel with 24-bit input resolution
- Type: resistance temperature detectors, or any other thermocouple type
- Recording sensitivity: 0-200 degrees Fahrenheit
- Recording accuracy: 0.5 percent of full scale

#### Enhancement Options

- Electronic overlays
- Limit checking
- Electronic data archiving
- Networking multiple test stands for remote data analysis and monitoring

## Utah Technology Center: Supporting Military and Commercial Aircraft Worldwide



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