TEST SYSTEMS

ATS Test Executive™

TEST

EXECUTIVE

communication

DATA

calibration

visual interfaces

repeatability

REPORTS

seamless integration

audit

SOFTWARE

customization

standards

ATS
AUTOMATION

ATS Test Executive Software

What is ATS Test Executive?

ATS Test Executive is a proven reliable software platform designed to be quickly configured for the testing requirements that ensure parts meet the standards as set by the customer through measurement and control.

Why use ATS Test Executive?

Our software encapsulates testing methodologies into robust interfaces with unprecedented flexibility and control:

- Intuitive visual interfaces for design and editing
- Powerful scripting language for precise control
- Standard automated data collection and viewing

How is ATS Test Executive better than other templates?

- 25 years of testing experience in every system
- Programmable and configurable through scripting environment
- Integration to devices is made easy due to the built-in common control architecture
- Data driven software design. All testers share common executable
- Common look and feel regardless of tester
- Able to be configured to test a variety of products, each with their own testing requirements

Where should ATS Test Executive be used?

- Designed to be used in automated, semi-automated and manual system
- Products tested include but not limited to: Automotive, Aerospace, Battery, Biomedical, Consumer Products, Oil and Gas and Solar

Key Features

Automation
- Product test reports
- Process event logging
- Alarm event recording/handling
- Data mining and graphing
- Production reports
- Audit changes by users
- Built-in version control
- Multi-level user access

Powerful User Customization
- Full access to all design and modification tools
- Visual interfaces for creating and modifying dialogues or main screen
- Adding/removing I/O devices
- Integrated state machine development
- Testing logic implemented in a powerful scripting language
- Design and print labels/reports

Diagnostics and Analysis Tools
- Built-in real-time analog/digital diagnostic screens for manual interaction or debug
- Automated tool to aid in periodic sensor calibration
- Review and compare raw data signals using built-in graphing tools
- Supports signal analysis using FFT and Power Spectrum tools
- Apply software filters
- Generate custom queries for reporting purposes
- Review archived test results
- Use statistical tools to display CPK, Mean, Min, Max, Ave
- Extensive math library
- Support of gauge repeatability and reproducibility (G R&R) studies
- High speed multi-channel data acquisition (1 Megsamples/s)

Communication Support
- PLC using OPC
- SQL database queries and data upload
- CAN, Modbus, TCP/IP and serial
- Custom devices using dynamic DLL loading
- Seamlessly integrates with all ATS software products
- National instruments
- Wago, Beckhoff, FESTO, Pepperl-Fuchs devices
- Pallet-based RFID tracking

Contact ATS directly for custom or product specific applications beyond the scope of this document.

Tel: 1 (905)-850-8600
Fax: 1 (905)-850-9336
Send e-mail to: atstest@atsautomation.com
or visit our web site at: www.atsautomation.com