

## Runtime test automation system for simple, repetitive testing applications

iTest.Micro is a runtime test automation system with included touchscreen and fanless industrial PC, specifically targeted at simple, repetitive applications such as component testing. Some upfront development is required. This can be done by A&D, or by the user with the addition of either the iTest Offline Development Suite or A&D's LabWorX Centralized Lab Management System. Day-to-day operations, such as loading new test schedules, can be accomplished through the LabCentral web interface.

## Features

- Day-to-day customizations accomplished through the LabCentral interface
- Use LabWorX to synchronize tests on multiple stands and automatically retrieve and manage data
- General purpose test automation appliance utilizing high-end iTest architecture and interfaces

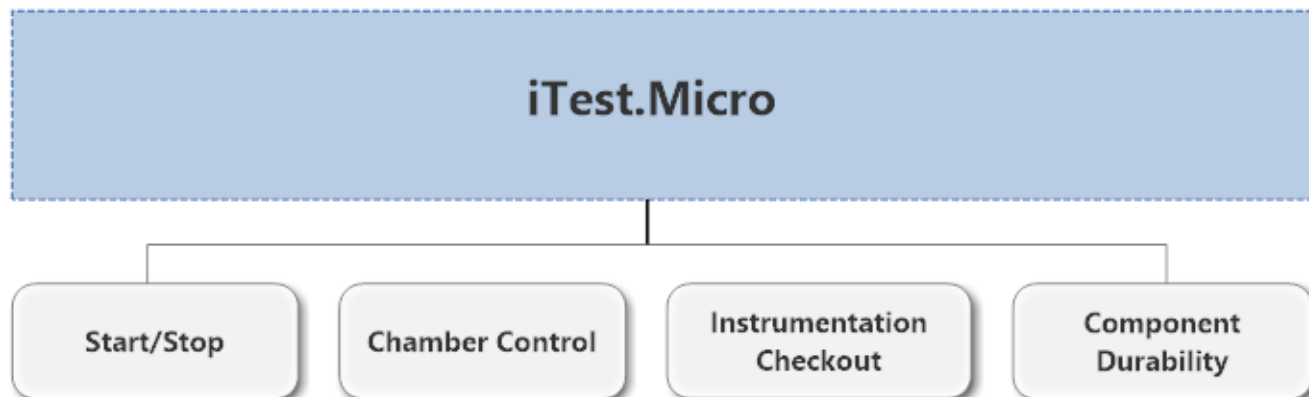
## Specifications

- 1kHz control rate
- Acquisition rate  
1kHz (10 channels)  
100Hz (410 channels)
- 2000 user-defined channels
- 50 user-definable calculations
- 2 PID loops



*iTest.Micro*

## Typical Applications



## iTest Family

### iTest.Pro

A full-featured, expandable test automation and control system for engine and powertrain test beds with the most challenging needs, such as those running transient test schedules, and tests involving simulation.

### Offline Development Suite

The configuration portion of iTest, intended for scripting, schedule creation, etc.

### iTest.Lite

Configurable solution ideal for engine test beds performing durability, end-of-line and lower-level R&D testing, typically involving steady-state or ramped modal test cycles.

### iTest.Micro

Targeted for test systems running simple, repetitive sequences (e.g. on/off), usually found in component or end-of-line quality testing; test control and status dashboards are configurable through the LabWorX lab management system.

### iViewBox

A hardware-only solution for integrating non-PC based systems or those with embedded controllers into the LabWorX lab management system.

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