



## NEWS RELEASE

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### **Aeroflex's DC to 40 GHz SMART^E™ 5300 Reduces Life Cycle Cost of High-performance, High-speed RF and Microwave Testing**

<http://www.aeroflex.com/ats/products/prodfiles/news/02022010.pdf>

**Plainview, NY—February 2, 2010—**For high-performance, high-speed testing of RF and microwave devices, Aeroflex introduces the SMART^E™ 5300 general-purpose test environment. The DC to 40 GHz SMART^E™ 5300 is unique in its ability to test, monitor, and control any Device Under Test (DUT) within a single test environment.

“SMART^E™ 5300 eliminates a large rack of test equipment and replaces it with a compact test system that is quickly reconfigured and redeployed to suit any individual DUT or production line,” said Dr. Francesco Lupinetti, senior business development executive for Aeroflex's High Speed Test Solutions. “The SMART^E™ 5300 also has the ability to emulate legacy and obsolete instruments. In this market, long-term support is a major concern. The fact that we can offer customers a ‘future-proof’ system gives customers peace of mind.”

SMART^E™ 5300 is designed for parametric and functional testing in the military/aerospace and high-performance commercial markets. The system is ideal for customers with one or more of these demanding RF/microwave test requirements:

- High throughput production;
- Large number of unique tests per DUT;
- Highly repetitive tests per DUT;
- Product lines requiring rapid software reconfiguration of test systems;

- Replacement of racks of older or obsolete equipment with a “synthetic” or software-defined test environment.

### **SMART^E™ 5300 test environment is the ultimate in flexible testing**

The SMART^E™ 5300 is the highest performance, lowest life cycle cost, turnkey synthetic test environment for general purpose RF/microwave parametric and functional testing. Its many features reduce complexity and result in extending the life cycle of test environments.

- With open system architecture and a highly intuitive user interface, customers can easily write and program new tests and test sequences.
- Third-party modules and instruments are added easily, while system-level software allows easy integration.
- Complete software measurement libraries allow quick set-up for turnkey functional and parametric testing.
- System-level calibration ensures that all modules and instruments are fully integrated and perform highly accurate, coherent and repetitive, NIST traceable measurements right up to the interface of the DUT.
- Diagnostic software allows local and remote troubleshooting to the module or instrument level.
- All hardware modules and interfaces are based on widely used industry standards including PXI, LXI, cPCI, Ethernet, etc. Standard software interfaces are exercised through a full-featured Test Executive and National Instruments' TestStand™ engine.

### **Price and availability**

The Aeroflex SMART^E™ 5300 is currently available for delivery 24 to 28 weeks upon receipt of order. Because of the SMART^E™ 5300's high degree of customization and scalability, prices can vary considerably. Pricing for specific test configurations can be obtained by contacting Aeroflex SMART^E™ sales at +1 (703) 629-0331 or requesting a quote at [SMARTE-Synthetic-Test@aeroflex.com](mailto:SMARTE-Synthetic-Test@aeroflex.com).

## About Aeroflex

Aeroflex Incorporated is a global provider of high technology solutions to the aerospace, defense, cellular and broadband communications markets. The Company's diverse technologies allow it to design, develop, manufacture and market a broad range of test, measurement and microelectronic products. Aeroflex Incorporated was founded in 1937 and today has more than 2,600 employees worldwide. Additional information concerning Aeroflex Incorporated can be found on the company's web site:

[www.aeroflex.com](http://www.aeroflex.com) .

*All statements other than statements of historical fact included in this press release regarding Aeroflex's business strategy and plans and objectives of its management for future operations are forward-looking statements. When used in this press release, words such as "anticipate," "believe," "estimate," "expect," "intend" and similar expressions, as they relate to Aeroflex or its management, identify forward-looking statements. Such forward-looking statements are based on the current beliefs of Aeroflex's management, as well as assumptions made by and information currently available to its management. Actual results could differ materially from those contemplated by the forward-looking statements as a result of certain factors, including but not limited to, competitive factors and pricing pressures, changes in legal and regulatory requirements, technological change or difficulties, product development risks, commercialisation difficulties and general economic conditions. Such statements reflect our current views with respect to the future and are subject to these and other risks, uncertainties and assumptions. Aeroflex does not undertake any obligation to update such forward-looking statements.*

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