S-Series Breaks New Ground in Simplicity, Portability, Modularity and RF Performance

The Aeroflex S-Series RF signal generator family makes its worldwide debut at Electronica today. The S-Series offers simplicity, portability, modularity, and RF performance at an attractive price. Aeroflex's reputation for innovation in signal generators has been re-affirmed in the S-Series. The range of instruments has been designed from the ground up to meet the expectations of today's engineers for instant answers at the touch of a screen. Buttons, rotary controls, and deeply nested software menus have all been removed. The first in the series is the Aeroflex SGA analog RF signal generators. They are compact and lightweight with low phase noise, excellent accuracy and fast settling time at an attractive price. The SGA is a high specification analog RF signal generator that is a reliable and repeatable signal source solution for general-purpose, aerospace and military test applications in laboratory, factory and field environments. The intuitive LCD touch-screen interface allows modulated or swept RF signals to be set up using only [a fraction] of the keystrokes required by traditional soft key models, thus saving the engineer's time and reducing the risk of error. A modular format, featuring the new Aerolock™ locking mechanism, allows additional RF instruments such as a second signal generator and combiner to be mechanically coupled externally by the user. The Aeroflex SGA is currently available in two models: the SGA 3, which has an operating frequency range of 100 kHz to 3 GHz, and the SGA 6 covering 100 kHz to 6 GHz. The SGA is the first instrument in the new Aeroflex S-Series, which is planned to include digital signal generators for wireless-specific measurements including LTE, LTE-A and IEEE 802.11ac standards, and a range of signal analyzers.

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