

PRESS RELEASE

AMS Technologies introduces Benchtop Laser Source ORION™ for R&D lab environments

Martinsried, 28 June 2011 – The ORION™ Laser Source is based on the proven performance of RIO's ORION™ product series. It is designed with the customer's need in mind: user-friendly, highly integrated and turn-key operation.



The ORION laser source is ideally positioned as the best ease-of-use system for a multiple of lab-orientated applications where absolute accuracy, stability, lifetime reliability and high resolution are vital, such as remote sensing, distributed temperature, strain, or acoustic fiber optic monitoring, LIDAR and other precision metrology applications.

Key Features

- Single longitudinal mode
- Ultra low phase noise and RIN
- Low sensitivity to vibration and acoustic noise

In addition to unrivaled reliability and performance, the ORION laser-based system provides exceptional value and ease-of-use with up to 20mW output power, very low RIN, ultra-low phase noise and narrow line width, excellent wavelength stability and fast frequency tuning.

This solution is positioned for reducing the development cycle time and allow for simple integration into R&D lab environments and advanced fiber optic sensing systems. External monitoring and control can be achieved via a Graphical User Interface (GUI) and a USB connection.

Applications

- Acoustic and seismic sensing
- Laser spectroscopy
- Test & Measurement
- LIDAR and remote sensing

Please visit our web site for more information: www.amstechnologies.com

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