



Luna Releases Portable High-Resolution Reflectometer

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Brings Breakthrough Measurement Capability for Field Maintenance Applications

ROANOKE, Va.--(BUSINESS WIRE)-- Luna Innovations Incorporated (NASDAQ: LUNA), a global leader in advanced fiber optic-based technology, today announced that it is releasing the industry's highest resolution portable reflectometer. The OBR 6200 Series performs advanced inspection and diagnostics of fiber optic assemblies and networks.

Luna's proven Optical Backscatter Reflectometer (OBR) technology provides advanced design, diagnostic and inspection capabilities to fiber-optic manufacturers, developers and installers by illustrating a map, in ultra-high resolution, of an optical link. OBR 6200 Series instruments are rugged, hand-held reflectometers with ultra-high sensitivity for testing and troubleshooting short fiber optic networks up to 100 meters in length. This breakthrough new product will bring significantly enhanced diagnostic capabilities to the installation and maintenance of commercial and military avionics, data center networks and industrial manufacturing applications.

The OBR 6200 series was initially developed for field support and maintenance of fiber optic links onboard advanced aircraft, such as the F-35 Joint Strike Fighter. Because of this, OBR 6200 was designed with ruggedness and ease of use in mind. Integrating a touch screen interface with "go/no-go" data and qualification to strict military operational and environmental standards, the OBR 6200 greatly simplifies analysis and maintenance of fiber optic links and is deployable in a multitude of environments. The OBR 6200 provides diagnostic capabilities in applications where the industry standard Optical Time Domain Reflectometer "OTDR" doesn't provide enough resolution or precision. With 100 times more spatial resolution and precision than other "high-resolution" OTDRs, the OBR 6200 enables pinpoint diagnostics not otherwise achievable.

"Luna's OBR 6200 Series is the industry's most capable high-resolution tool for maintenance and troubleshooting of fiber optic networks," said Scott Graeff, President and Chief Executive Officer of Luna. "Our work with the Lockheed Martin team in support of the fiber network on the F-35 has ensured that this product combines the ultimate in accuracy and usability, and we are excited about the many applications of this instrument, including total fiber system quality control to ensure component performance and network uptime."

The OBR 6200 Series instruments are ideal to use in the field for service and maintenance applications because the units are ruggedized with IP65 (water-resistant and dustproof) and MIL-STD certifications, and their fast acquisition rate reduces susceptibility to vibration. The portable units are touchscreen, have an easily chargeable Li-Ion battery and work with single- and multimode fiber installations.

The OBR 6200 is available now with a four to six week delivery timeframe. Luna Innovations will be demonstrating the OBR 6200 at OFC in booth 3547. For more information, visit <https://lunainc.com/obr6200/>.

About Luna:

Luna Innovations Incorporated (www.lunainc.com) is a leader in optical technology, providing unique capabilities in high-performance fiber optic-based test products for the telecommunications industry and distributed fiber optic-based sensing for the aerospace and automotive industries. Luna is organized into two business segments, which work closely together to turn ideas into products: a Technology Development segment and a Products and Licensing segment. Luna's business model is designed to accelerate the process of bringing new and innovative technologies to market.

Forward-Looking Statements:

The statements in this release that are not historical facts constitute "forward-looking statements" made pursuant to the safe harbor provision of the Private Securities Litigation Reform Act of 1995 that involve risks and uncertainties. These statements include Luna's expectations regarding technological advancements, technological capabilities and needs, cost effectiveness of products and technological solutions, market demand and product capabilities and advantages. Management cautions the reader that these forward-looking statements are only predictions and are subject to a number of both known and unknown risks and uncertainties, and actual results, performance, and/or achievements of Luna may differ materially from the future results, performance, and/or achievements expressed or implied by these forward-looking statements as a result of a number of factors. These factors include, without limitation, changes in market needs and technological challenges and other risks and uncertainties set forth in Luna's periodic reports and other filings with the Securities and Exchange Commission ("SEC"). Such filings are available on the SEC's website at www.sec.gov and on Luna's website at www.lunainc.com. The statements made in this release are based on information available to Luna as of the date of this release and Luna undertakes no obligation to update any of the forward-looking statements after the date of this release.

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Media Contact:

David Potter
Luna Innovations Incorporated
Phone: 512-917-2602
Email: potterd@lunainc.com

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