



New Product Release

General Scanning Introduces the Lightning™ Digital Scanner Technology Platform for Optical Scanning Applications

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January 23, 2007 Billerica, MA.: General Scanning, inventor of the optical scanner, introduces the Lightning™ Digital Scanner Technology Platform. Lightning consists of three elements: Fourth generation MPower motors, the second-generation Lightning digital servo driver, and the unique TuneMaster™ software toolset. This architecture enables higher performance optical scanner designs as well as a unique scanner system software optimization environment.

The fourth Generation MPower Scanner motor design is unsurpassed in beam speed and accuracy. The design is based on a three-step process that integrates the mirror, mount and motor for optimal inertial balance. The mirror is selected based on operating wavelength, power, and beam diameter/spot size. Next, the optimal mirror mount configuration is determined for multiple mirror orientations and easiest field service. Finally, this mirror-mount configuration is paired to the optimal motor based on application performance goals. The final MPower motor configuration enables maximum operating efficiency and power transfer to the load. Heat build-up and other unwanted effects are minimized.

The second generation Lightning digital servo driver is based on 16-bit digital technology. This low-noise servo driver achieves 50% higher bandwidth than analog drivers for dramatically improved speed and accuracy. Its design has improved thermal stability, enhanced monitoring and diagnostics. In addition, it contains an interface to another enabling technology, the exclusive TuneMaster™ software toolset.

TuneMaster is a revolutionary scanner optimization software that not only enables superior system performance, but also significant improvements in OEM product development, production and support. It can shorten time to market by creating an optimized tune for your application, automatically. Once the application tune has been completed, it can automatically optimize each system in production by insuring tunes for both axes remain matched at all times while a system runs its actual application. This improves manufacturing productivity, quality, and unit-to-unit consistency by optimizing each system automatically. TuneMaster even improves support by letting support personnel re-optimize a system at the click of a button.

Contact the company for pricing and availability or for more information visit: www.gs-scanners.com

Certain statements in this news release may constitute forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995 (the Reform Act), Section 27A of the United States Securities Act of 1933 and Section 21E of the United States Securities and Exchange Act of 1934. These forward-looking statements may relate to anticipated financial performance, management's plans and objectives for future operations, business prospects, outcome of regulatory proceedings, market conditions, tax issues and other matters. All statements contained in this news release that do not relate to matters of historical fact should be considered forward-looking statements, and are generally identified by words such as "anticipate," "believe," "estimate," "expect," "intend," "plan" and "objective" and other similar expressions. Readers should not place undue reliance on the forward-looking statements contained in this news release. Such statements are based on management's beliefs and assumptions and on information currently available to management and are subject to risks, uncertainties and changes in condition, significance, value and effect. Other risks include the fact that the Company's sales have been and are expected to continue to be dependent upon customer capital equipment expenditures, which are, in turn, affected by business cycles in the markets served by those customers. Other factors include volatility in the semiconductor industry, the risk of order delays and cancellations, the risk of delays by customers in introducing their new products and market acceptance of products incorporating subsystems supplied by the Company, similar risks to the Company of delays in its new products, our ability to continue to reduce costs and capital expenditures, our ability to focus R&D investment and other risks detailed in reports and documents filed by the Company with the United States Securities and Exchange Commission and with securities regulatory authorities in Canada. Such risks, uncertainties and changes in condition, significance, value and effect, many of which are beyond the Company's control, could cause the Company's actual results and other future events to differ materially from those anticipated. The Company does not, however, assume any obligation to update these forward-looking statements to reflect actual results, changes in assumptions or changes in other factors affecting such forward-looking statements.

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