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High-speed, ultra-high accuracy Mitutoyo LSM-902/6900 laser scan micrometer measures the most delicate workpieces

(Aurora, IL) With a resolution of 0.01 μ m, linearity of \pm 0.5 μ m and repeatability of \pm 0.05 μ m throughout its measuring range (0.1 - 25mm), the Mitutoyo LSM-902/6900 laser scan micrometer can measure ultra-fine wires with diameters as small as 0.005mm and cylindrical workpieces up to diameters of 25mm. The instrument is ideal for verification of electrical conductors, fibers, film and sheet thickness-and-evenness, IC chip lead intervals, laser and magnetic disk drive fluctuation, pin-and-plug gage measurement and numerous similar tasks. The LSM-902/6900 employs a multi-face, polygonal mirror and high-speed motors to generate up to 800 scans per second. This allows “freeze” motion, on-the-fly measurement suitable for verification of extrusion processes, items running on high-speed lines and those experiencing vibration.

Mitutoyo LSM-902/6900 laser scan micrometers are available with integrated or remote displays including compact DIN-size displays suitable for panel or rack mounting. Accessories available include adjustable workstages and fixturing blocks, calibration gage sets, and air blow covers for use in harsh environments. RS-232C and SPC output. Dust- and splash-proof IP64-rated models available.

(more)

Mitutoyo Corporation is the world's largest provider of measurement and inspection solutions offering the most complete selection of machines, sensors, systems and services with a line encompassing CMMs (Coordinate Measuring Machines), vision, form and finish measuring machines as well as precision tools and instruments, and metrology data management software.

Mitutoyo's nationwide network of Metrology Centers and support operations provides application, calibration, service, repair and educational programs to ensure that our 6,000+ metrology products will deliver measurement solutions for our customers throughout their lifetime. Contact Mitutoyo America Corporation, 965 Corporate Boulevard, Aurora, IL 60502. Phone: (630) 820-9666 Fax: (630) 978-5394 E-mail: info@mitutoyo.com Or visit our website at www.mitutoyo.com

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