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### New, full-featured Surfptest<sup>®</sup> SJ-500 portable roughness tester calculates latest parameters

(Aurora, IL) Mitutoyo America Corporation announces availability of the new Surfptest<sup>®</sup> SJ-500 portable surface roughness tester. With high accuracy (straightness = 0.20  $\mu\text{m}/50\text{mm}$ ), fast drive speed (max. 20mm/s) and a configuration suitable for either hand-held or fixtured-in-place operation, the Mitutoyo SJ-500 is the new value leader in its class.

The Surfptest SJ-500 calculates numerous form analyses - Steps, uneven steps, slope, uneven area, circle, angle, coordinate difference. 46 different ISO, ANSI, DIN, and JIS parameters including ISO 1302:2002 requirements are available. Simple input features can be created using drawing symbols (patent pending). The resulting flexibility and high throughput make the Surfptest SJ-500 ideal for surface roughness testing of workpieces such as piston rings, bearing races, precision molds, IC components and similar items.

The SJ-500 utilizes a dedicated control unit with easy-to-read color display and a built-in, high-speed thermal printer capable of printing BAC or ADC curves in landscape format, just as they appear on the display. Fine positioning, is easily accomplished using joystick control. The Surfptest SJ-500 uses interchangeable nosepieces that enable either skid- or skidless measurement.

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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  
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