

### Mitutoyo America Corporation

958 Corporate Blvd. • Aurora, IL 60502  
phone: (630) 820-9666 • fax: (630) 978-5394  
www.mitutoyo.com

Editorial Contact:  
Shawn Lawrence

### Innovative RA-10 Roundtest combines high-performance, outstanding value

(Aurora, IL) Mitutoyo America Corporation introduces the new RA-10 roundness measuring machine to the US. The instrument brings together comprehensive measurement capabilities, high accuracy and intuitive operation, and is priced for outstanding value. With high throughput and a compact footprint, the Mitutoyo RA-10 Roundtest is ideal for manufacturers requiring inspection of small, cylindrical workpieces in the lab or for high volume inspection on the production floor.

The Mitutoyo RA-10 features a large, easy to understand touch-panel control and high visibility LCD display – reducing the chance for error when inputting or reading out. Operation is simplified, with functions such as One-Stroke Recall (which stores measurement steps in advance for recalling via a single keystroke), and the Zero-Set function (which enables the detector's level to be zeroed-out with one key press eliminating the need for the operator to re-position the detector). Additional conveniences include an X-axis stopper and a Z-axis scale unit. Measurement data can be printed from the built-in printer, output via RS232C or SPC ports, or stored to external memory through a USB port.

The RA-10 has a maximum probing height of 5.98" (152mm), a maximum probing depth of 3.94" (100mm) with a maximum vertical (Z-axis) travel of 4.61" (117mm) and a maximum horizontal (X-axis) travel of 2.95" (75mm) including a

(more)

protrusion of 1" (25mm) for turntable rotation center. With its built-in processor and printer, the RA-10 has a compact footprint, making it convenient to locate.

The Mitutoyo RA-10 Roundtest utilizes set-up jigs to simplify, and speed workpiece positioning. The need for centering and horizontal alignment when setting a workpiece can often be eliminated, improving the efficiency of repetitive measurement. Equipped with an air bearing rotary table, the RA-10 has a rotational accuracy of  $(0.04+6H/10000)$   $\mu\text{m}$  – the highest in its class – and equivalent to much higher priced models. A wide variety of optional auxiliary tables are available.

---

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](mailto:info@mitutoyo.com) Or visit our website at [www.mitutoyo.com](http://www.mitutoyo.com)

# # #