

Mitutoyo America Corporation

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

Editorial Contact:

Walter Wardzala (630) 820-9666

Mitutoyo Litematic Digimatic Measuring Unit offers high accuracy with the industry's lowest contact forces

(Aurora, IL) Mitutoyo America Corporation announces availability of the Litematic high resolution precision digital contact systems. With an industry leading ultra-low measuring force of 0.01N (1gf), Litematic instruments are ideally suited for high precision measurement of fragile, easily deformable workpieces.

The Mitutoyo Litematic instruments offer an extremely high resolution of 0.01/0.1/1.0 μm (selectable) together with an extremely high accuracy of up to 0.5 μm . Spindle travel rates are also adjustable.

The Super Litematic VL-AH model utilizes a laser hologage for even higher accuracy of up to 0.15 μm .

All Litematic models employ low thermal expansion materials to minimize distortion due to temperature variations. The motorized test cycle further improves gage R and R by reducing operator influence.

Litematic instruments are ideal for measurement of plastic, rubber, film, contact lenses, springs, thin metal parts and similar applications where higher measuring forces could deflect the materials, resulting in measurement errors.

(more)

Mitutoyo
Litematic Series 318
Pg. 2 of 2

Mitutoyo America Corporation's nationwide network of Metrology Centers and support operations provide application, calibration, service, repair and educational programs for industry. This ensures 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) 978-5385 Fax: (630) 820-7403
E-mail: info@mitutoyo.com Or visit our website at www.mitutoyo.com

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