World class fastener inspection, sorting, and packaging equipment

WWW.LINEARGS.COM
**Linear GS Vision Inspection Systems**

Linear GS offers three series of high-speed, state-of-the-art, vision inspection machines created to provide the rapid, reliable results you need in order to meet the quality demands of today’s manufacturing industry. The LV and LM Series machines don’t use part fixtures, making changeovers easy.

**LV Series:**
Made for fasteners sized between M5 and M16. Rapidly inspects, sorts, and packages. This machine can be configured to run bolts, nuts, washers, stampings, plastic parts, and more.

**LM Series:**
Designed specifically for small fasteners, M1.6 to M4 in diameter, up to 12 mm in length.

**LR Series:**
Inspects fasteners size M6 to M20, with a length of up to 200 mm. Includes a rotary drive, four high-resolution cameras, and an eddy current attachment.

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Linear GS inspection and sorting machines utilize multiple area scan inspections and can incorporate unique sensors, per your application needs. Independent vision and sensor tests simplify part configuration and troubleshooting. Linear GS technicians can provide remote, custom inspection set-up support and customer assistance via Internet connection.

**Inspection System Capabilities**

**Top View**
- Perimeter and open burst cracks, open cracks, open cracks visible at OD, view of part in silhouette, parts standing on head viewed down.
- Diameter; minimum / maximum / average
- Ovality/Roundness of head OD
- Hex(no flange) min/max diameter

**Bottom View**
- Drive Recess fill/Missing area
- Surface defects
- Riverbed cracks

**90 Degree View**
- Turned Head; Side view comparison and average of hex head width
- Bolt straightness, features of bolt can affect reading

**Vision System Resolution**
Detection Capability to 0.0005”, dependent on measurement

Contact us to discuss which Linear GS product will best meet your inspection needs.

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