

Vision Engineering expands popular LVC video measurement system range with new models and higher specifications

New Milford, CT, November 17, 2020- Vision Engineering broadens its range of popular 'LVC' automated video measurement systems with the addition of LVC200, and higher specification 'Plus' variants.

Ideal for measuring large components or multiple small components, quickly, easily and accurately, the LVC range offers faster measurement, high accuracy levels, and benefits from Vision Engineering's consistent focus on ease of use for all its products.

The LVC range offers a choice of measuring capacities and fully automated movement in all 3 axes, making component measurement faster. Non-stop measurement routines are possible through programs which can have magnification changes built in.

Additionally, multiple components can be loaded onto the stage and measured easily and automatically in a single program. The system is pre-programmable or can be joystick driven for quick, one off measurements.



Highly accurate

The LVC series now features 5MP or 6.4MP cameras, granite and aluminum bases for extra stability and precision stage, 6.5:1 or 12:1 motorized zoom and is the most advanced measuring system to date from Vision Engineering. LVC supports the use of a touch probe in all 3 axes, for a wide range of industrial measurement applications, including precision machining, casting, plastic molding, electronics and medical devices.

Easy to use

LVC is supplied with highly intuitive M3 software. This offers a rich suite of measurement functions, maintaining the ease of use that Vision Engineering is well known for. M3's key features include advanced video edge detection, easy reporting and data export, DXF overlays and profile fitting, with a thread measurement option.

Vision Engineering's customers report that LVC is ideal for acquiring fast, accurate measurements and can easily be used by non-specialists.

Richard Nagel, Vision Engineering's VP Sales and Marketing said, "We are excited to expand the LVC Series to give users more system options to suit their unique application needs. Vision Engineering is known across the world for manufacturing high quality optical and digital inspection systems. Our commitment to quality and product development extends across our complete product range".

Highlights

- LVC200 and LVC200+ offers a 8" x 6" x 8" stage
- LVC400 offers a 16" x 12" x 8" stage
- Supplied M3 software maintains ease of use and intuitive operation.
- Plus models additionally offer:
 - 6.4MP cameras
 - 12:1 motorized zoom objective for a broader magnification range
 - Up to 700x magnification range
- Increased field of view with Plus version for even faster measurement
- Touch probe and probe changer compatible
- Competitively priced.

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Enclosed image: LVC200-metal-part.jpg

About Vision Engineering Limited

Vision Engineering Ltd is a global leading-edge manufacturer of patented optical and digital technologies used in microscopes and non-contact measuring systems. More than 25 years ago, Vision Engineering introduced the world's first 'eyepiece-less' stereo microscope, the Mantis. It was an ergonomic revolution that went on to win numerous design and innovation awards. Company headquarters are based in Send, Woking, UK, with manufacturing facilities in the UK and US. Regional offices are located throughout North America, Europe and Asia.

Company Contact : Nili Walp, Marketing Manager, North America

Vision Engineering Inc.

Tel: 860.355.3776

Email: nwalp@visioneng.com

Website: www.visioneng.us