



MICRO-CHECK®
Test Instruments For Cylinders and Rolls

NEW, ROBOTIC 3D-LASER-MIC SYSTEM

... the only portable
laserscope notebook-based
software-driven system
to provide absolute
accuracy and super
sharp images for
flexo and gravure at
an affordable cost.

**The most advanced
imaging scope available**

- ▲ Rugged portability
- ▲ Easy to learn and use
- ▲ Fast payback
- ▲ Low cost of ownership

SHIMA

Micro-Check® Robotic 3D-Laser-Mic System

Shop-rugged, laserscope with notebook computer and preloaded, easy-to-use software



New 3D-Laser Mic™

For inspecting and measuring engraved cells on rotogravure cylinders, anilox rolls and flexo plates, it is especially unique and desirable in flexographic production.

It features a newly engineered, patent pending laser microscopy imaging scope that delivers absolute accuracy and repeatability, distortion-free, super sharp images enabling true volume, true depth and non-contact surface roughness measurements. The laser scope scans live microscopic

objects producing three dimensional screen images or uses white light for two dimensional screen views. The scope has no critical external moving parts and is engineered to incur no damage under normal shop conditions. The unit has 16-position adjustable non-slip legs for secure, hands-free positioning on any diameter cylinder or flat surface.

Micro-Check® notebook computer preloaded with 3-D MAX™ Software is fully automated for absolute precision and exceptional productivity

The notebook computer features the latest Pentium technology and comes preloaded with Micro-Check® 3DMax™ software. All functions are robotic . . . completely automated and software controlled. No hand focusing or adjustments are necessary . . . laser technology provides absolute focus.

Advanced capabilities include:

- ▲ True volume
- ▲ True depth
- ▲ Non-contact surface roughness
- ▲ Multiple image comparison
- ▲ Database storage of all information/images and more.

For High Precision . . . Quality Inspection & Measurement



Superior optics along with 3D laser imaging make this system ideal for critical quality inspection applications.

3D-Laser-Mic™ features exceptional optics many times more powerful than most field scopes.

Powerful light gathering objectives and absolute, automatic focusing give you the highest quality imaging possible. This scope comes with one objective in any magnification of 2X, 5X, 10x, 20x, up and is designed to accommodate up to three objectives simultaneously. Selection of the proper magnification is critical for your microscopic field of view and/or the critical measurement required.

This lightweight, rugged system has been designed for maximum portability and is—ideal for plants, airline travel and critical microscopic inspection and measurement.

Specifications are subject to change without notice. We reserve the right to upgrade Micro-Check® components to offer you the finest quality products available.

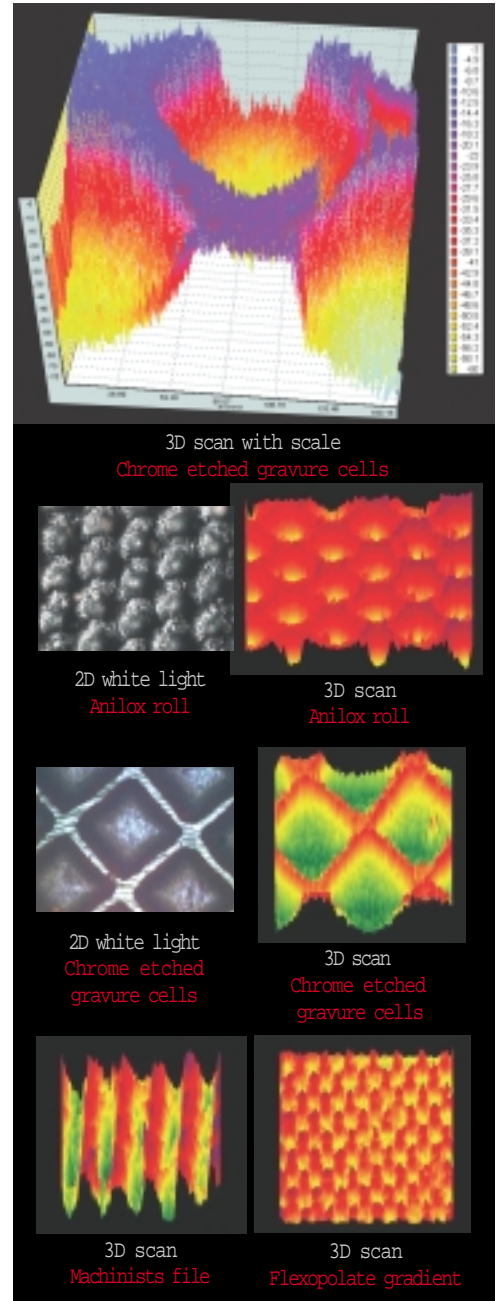
Micro-Check® Systems and Micro-Check® X-Y-Z™ Software are available world-wide exclusively from Shima American Corp. and authorized distributors.

Exclusively from

SHIMA

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Micro-Check® offers a one year limited warranty or Manufacturer's warranty period for any item found defective. Items that are dropped or abused are not covered.