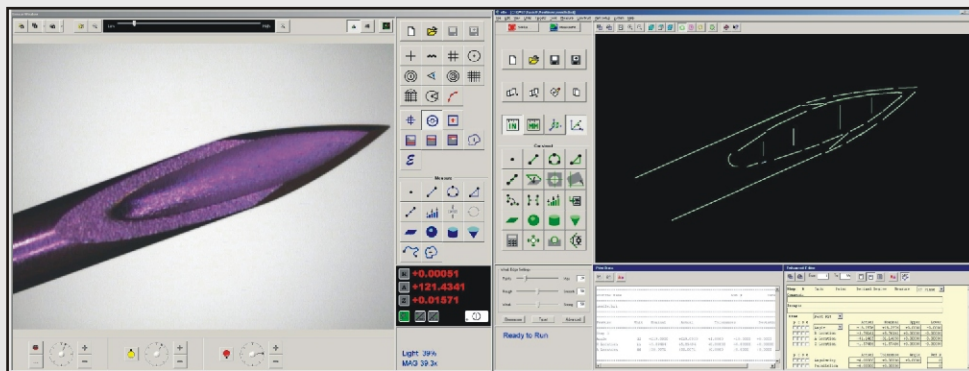


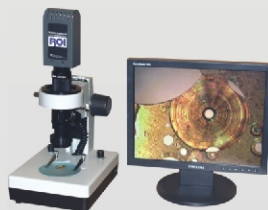
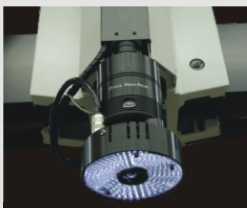
The leading value in: **Visual Inspection** **Manual Measurement** **Automatic Measurement**



A Range of Systems to Meet Your Needs



Powerful Yet User-Friendly Software



On-machine & benchtop inspection using video, touch probe, & laser scanning with CAD programming

RAM Optical Instrumentation



A Quality Vision International Company

Visit www.ramoptical.com for more information

StarLite GX

Manual Measurement

StarLite™ GX is our most compact video measurement system — ergonomic design, accuracy, ease of use and outstanding value. Built on a rigid cast metal base and Z column, StarLite GX is designed to suit your limited work space. This system is a top performer — with eGx metrology software to meet your application needs.

Keep quality in control with StarLite GX!



Travel (XYZ) 6" x 3" x 5"



StarLite GX and **Sprint 200-300** feature:

- Precision mechanical bearing XYZ stages with .000040" (1.0 μ m) linear scales
- High resolution color camera
- Patented high intensity white LED VectorLight ring light, LED back light & coaxial TTL illumination
- Motorized zoom optics, 35X – 175X; higher magnification available with optional lenses & tubes
- CompuFocus™ for accurate and repeatable Z-axis measurements
- Full-featured eGx metrology software

Sprint 200 - 300



Sprint 200 - 300 - When you need to do more...

- Choice of travel ranges
- Solid granite construction

MODEL	TRAVEL (in.)		
	X	Y	Z
Sprint			
200	8	6	6
250	10	6	6
250+	12	6	6
300	12	12	6

Visit www.ramoptical.com for more information

Automatic Measurement



Sprint CNC 300 with eBx measurement software

Sprint CNC systems from RAM Optical provide automatic dimensional measurement through programmed operation of advanced eBx™ metrology software. With granite for stability, precision optics, quality motors, bearings, and linear scales, Sprint CNCs are true metrology systems.

From the compact, and granite-solid benchtop models to the large travel floor stand systems, every **Sprint CNC** comes with:

- Motorized quality zoom optics, 35X – 175X
- Joystick-controlled motorized stage motion
- High resolution color camera
- VectorLight™ white LED ringlight for superior surface lighting, coaxial TTL illumination & LED backlight
- High performance edge detection and autofocus for reliable video measurements
- Optional laser, touch probe & rotary axis

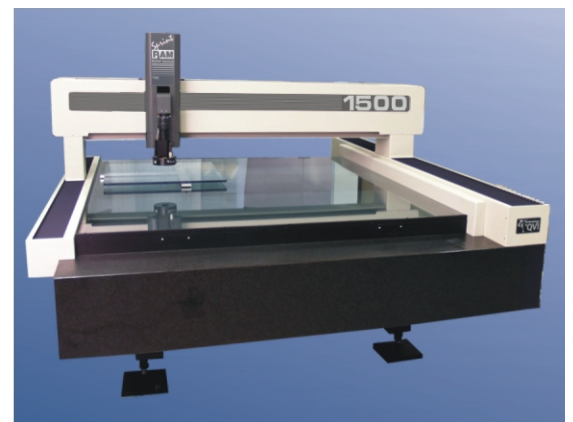
MODEL	TRAVEL (in.)		
	X	Y	Z
Sprint CNC			
200	8	6	6
250	12	6	6
300	12	12	6
400	18	18	6 or 12
600	24	18	6 or 12
700	24	24	6 or 12
1500	35	59	8 or 12

Sprint CNC 400 - 1500

Sprint CNC 400-1500 (floor models)

Large travel Sprint CNC systems accommodate large parts and multi-part fixtures with the same capabilities and ease of use RAM Optical is known for.

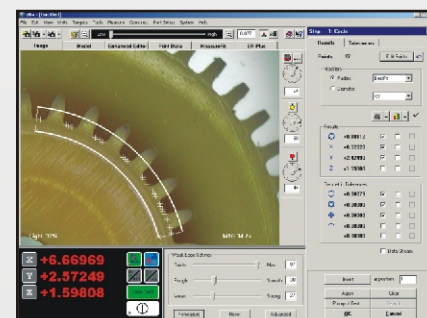
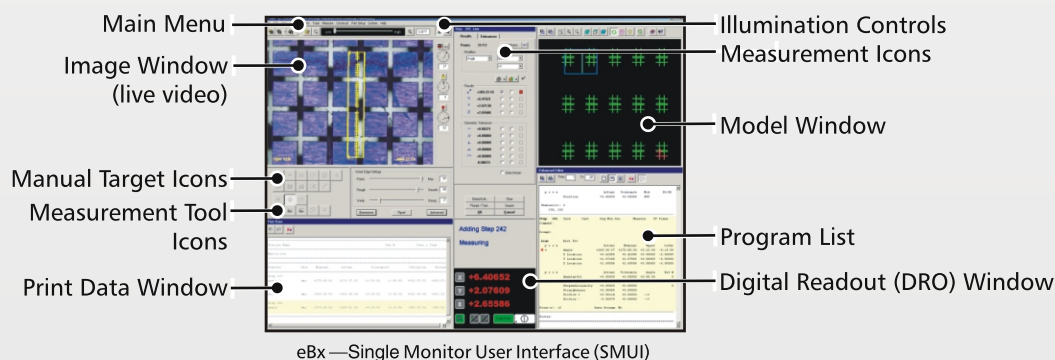
- Granite bases on steel frames for serious metrology
- Cantilever or moving gantry mechanical systems provide accurate positioning and easy access to parts and fixtures



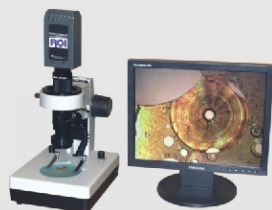
Metrology Software

Metrology software for RAM measurement and inspection systems is renowned for its ease of use and its extensive capabilities. This balance allows manufacturers to put their RAM product into use with minimal training while having highest confidence in the results.

With the ability to program from CAD, it's easy to quickly create routines for every part you make. With fully integrated support of optional touch probe, laser and rotary, users can do detailed part inspections with the click of the mouse.



VDM, OVP, Cobra



Video Direct Microscope (VDM-E/Z)

VDM is a compact microscope system that enables high magnification inspection with less eyestrain. Great for individual or group inspection training.



Optical Video Probe (OVP)

The patented OVP™ provides accurate video inspection with zoom for detailed full color images. It is designed to mount to Coordinate Measuring Machines (CMMs). Standard features include motorized zoom lens, VectorLight Ring light, & InSite™ controller.



Cobra™ Laser Scanners

- Measure surface profiles in X & Z axis
- 2D and 3D models
- Resolution to 5 μinches
- Versatile - use on benchtop or place directly on large parts
- Scan-X® metrology software - simple to use, extensive capabilities
- Video camera option for real-time imaging of the part being measured

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