



SEE MIC

2D Non-Contact Measurement and Inspection Machine

Combining a microscope, and profile projector in one small easy to use solution.



Quality Control Solutions, Inc.

ISO/IEC 17025-2005



We believe our..

Quality. Flexibility. Performance. Support.

..is simply the Best Overall Value.

Who is Quality Control Solutions, Inc.

Quality Control Solutions, Inc. is a design and manufacturing company providing products and solutions for a variety of measurement and inspection requirements in the world of manufacturing for over 35 years. We've engineered our SEEMIC 2-D video measurement machine to be more reliable and longer lasting than any other systems you may have owned in the past. SEEMIC is proudly manufactured in the USA.

Why Quality Control Solutions, Inc.

With thousands of systems installed around the globe, our customers include manufactureres from a wide range of industries including Medical, Dental, Aerospace, Automotive, Telecommunications and many others.

Support Network

QCSI products and systems are backed by a responsive network of factory direct technicians and factory trained distributors located throughout the US and other countries through out the world, to offer you outstanding user support, and system maintenance and calibrations.



So why **SEE** **MIC**

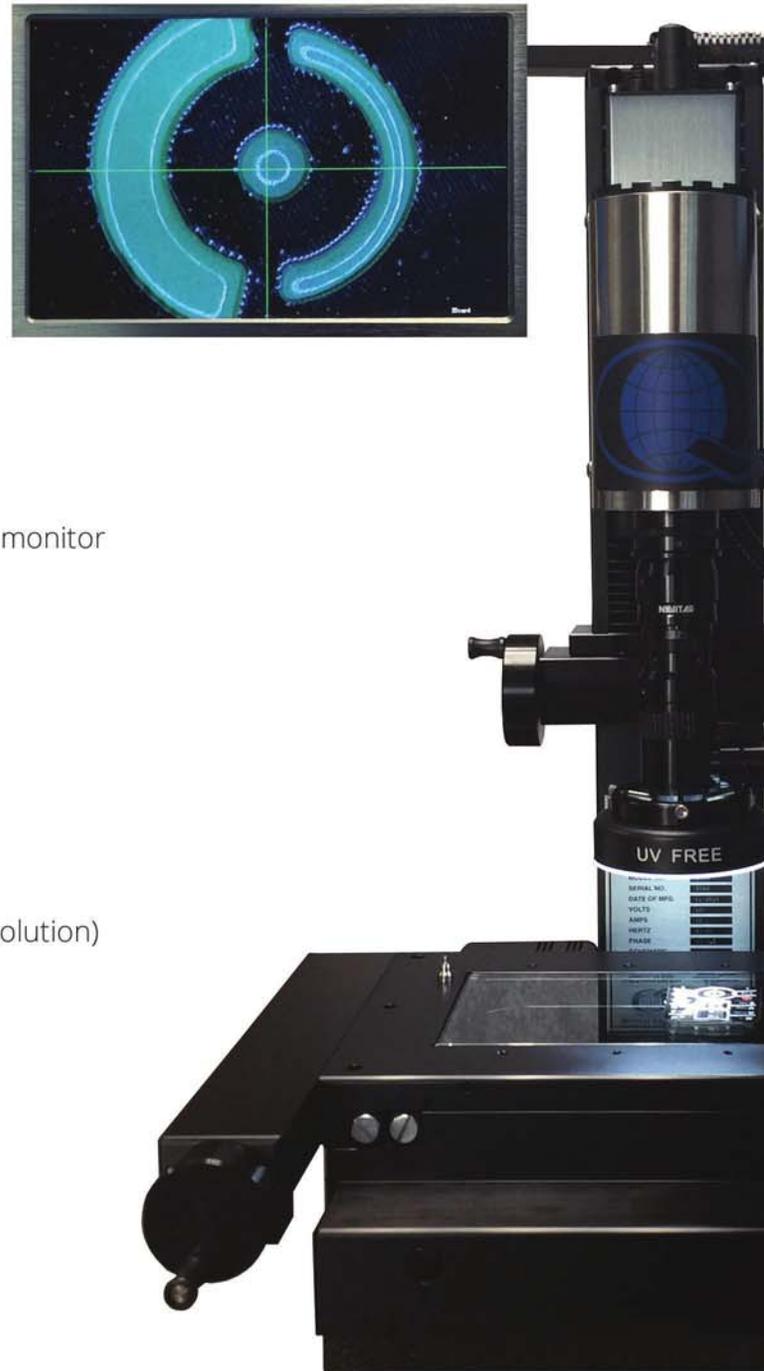
2D Video Measurement Machine

SEEMIC 2D systems are currently in use today, fulfilling the needs of manufacturing, quality control and R&D organizations worldwide. SEEMIC combines a variety of the features and strengths of traditional optical comparators, tool makers microscopes, and CMM's in one small easy to use solution.

SEEMIC can be used manually or upgraded to either a motorized or fully automated CNC system as needed.

Standard Features

- ✓ 6.5:1 zoom lens (18x - 206x optical magnification)
- ✓ High resolution color camera with 10" mounted LCD monitor
- ✓ Image capture on SD card with wired remote
- ✓ Heavy duty design with a compact footprint
- ✓ UV free profile and surface illumination
- ✓ Non-contact linear encoders (.0005mm/.00002in resolution)
- ✓ Precision stage with cross roller bearings
- ✓ Billet aircraft aluminum
- ✓ 8" x 4" XY working stage
- ✓ Solid granite base for superior machine stability



>>Learn more @ qc-solutions.com

From simple manual, single feature measurements to more complex component part inspection. SEEMIC offers high resolution; stage movement and a bright clear color image with an intuitive controller give you the power needed in today's ever changing requirements.

Simple yet Intuitive Controller



Metlogix M1

The user interface design of the M1 software means you'll spend more time measuring and less time reading manuals. By combining a familiar user experience with current touch screen conventions, the M1 software can quickly be integrated into your process and accessible to a wide range of users.



Popular Feature Constructions Supported

Generate popular construction types, like distances and tangent lines. Constructions with multiple sub-types can be toggled quickly with the change feature type command. Supported construction types include:

- Average
- Intersections
- Bolt Circle
- Farthest Distance
- Perpendicular / Parallel Line(s)
- Mid/Center Point(s)
- Shortest Distance
- Angle Compliments
- Gage Circle(s) / Line(s)
- End Point(s)
- Tangent Line(s)



Data Export

Report contents can include report title, time and date stamps, and all feature measurement result data. Reports can be printed as hard copies to standard Windows compatible printers, or exported as PDF or CSV files.

Export choices include:

- Windows printer
- Save as a PDF file
- Google Drive account
- Email account
- Gmail account
- RS232



Technical Specifications

Accuracy

(X,Y) E(1)= $(.002+(4*L)/100/1000)$ mm

(X/Y) E(2)= $(.003+(4*L)/100/1000)$ mm

*L = Linear travel in mm

Z-Axis Focus Travel

4.0" (plus compound travel of an additional 4" for taller parts)

Working Distance

2.75" to 2.35" (70 to 60 mm)

Magnification

18x to 206x optical magnification

Field of View

0.35" to 0.070" (8.9 to 1.8 mm)

Load Capacity

15lbs on glass, 100lbs on frame

Scale Resolution

0.00002" (.0005 mm)

X-Y Travel

8" x 4" (200 x 100 mm)

Illumination

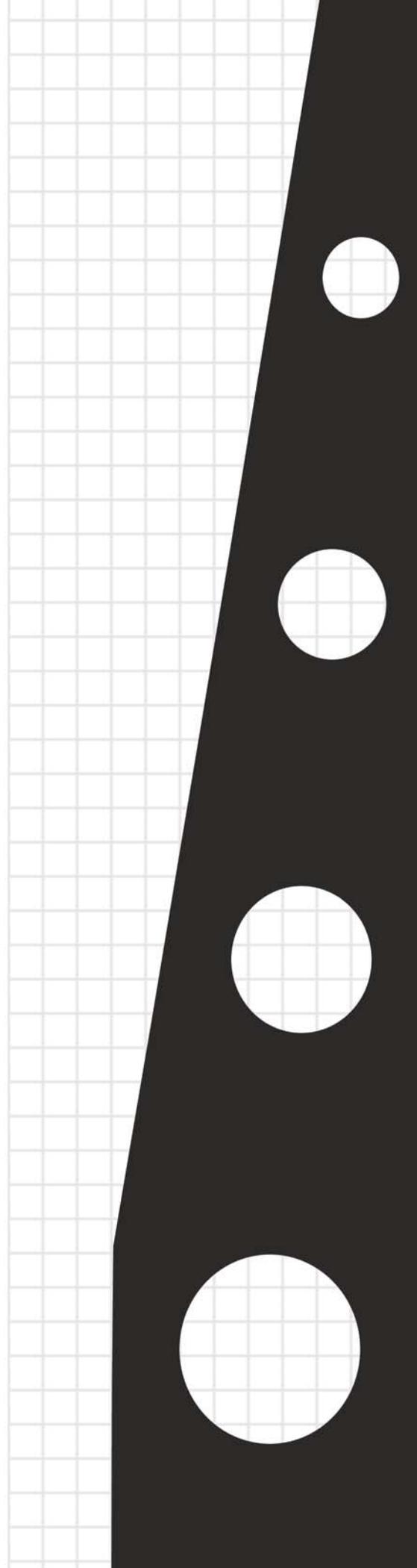
UV free LED ring light

LED bottom light

Fiber optic on axis light (optional)

Warranty

2 Year Warranty



SEEBREZ 6" x 6" x 6"



SEEBREZ 12" x 6" x 6"



SEEBREZ 12" x 12" x 12"



SEEBREZ 24" x 12" x 6"



SEEBREZ 24" x 24" x 6"



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Providing measuring tools which make the once impossible - Perfect.

Distributor:

For more information visit our website
<http://qc-solutions.com>



43339 Business Park Dr. Suite 101
Temecula, CA 92590
sales@qc-solutions.com
951.676.1616