

**Why partner with Cross Precision Measurement?** At Cross Precision Measurement, we pride ourselves in a commitment to the science of metrology and not simply one type or brand of measurement technology. We review each application carefully with the consideration of each technology's strengths and weaknesses to ensure we provide measurement data with the lowest uncertainty possible. Our belief is that the result of these efforts is measurement data that allows you to make meaningful decisions for your manufacturing process - with confidence.

## TOP INSPECTION SERVICES

### PPAP Submissions

The automotive industry and other fields require submissions for Production Part Approval Process (PPAP) before parts supply can begin. We are accredited and experienced in supplying the necessary dimensional verification.

### Critical to Quality (CTQ)/ Bottleneck Relief

Extra resources come in handy from time to time, either when you need to measure certain CTQ characteristics or simply handle overflow volume.

### Programming, training and turn key services

We offer CMM programming, customer specific training - your place or ours - and fully turn key solutions, including validated programs, fixtures, reporting and more

### First Article Inspections

We can help you to ensure parts meet or exceed specification and provide written documentation of our findings.

### Capability Studies

Ensure your process is stable by letting Cross inspect the output. Data can be returned in a variety of formats for easy upload and analysis.

### Compare to CAD

Get a fast and accurate color coded 3D comparison of your part to the original CAD model to detect overall accuracy deviations.



# Inspection Services

continued >>

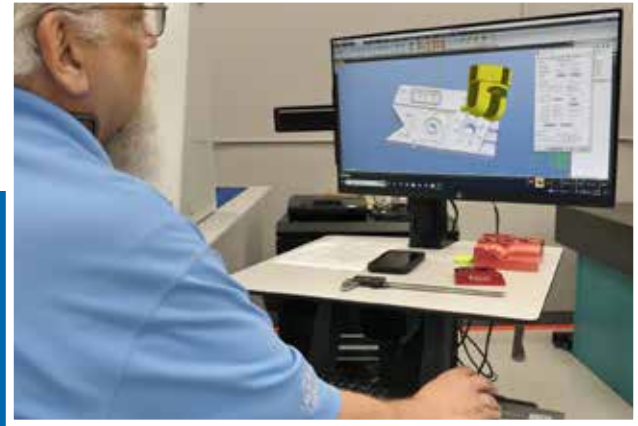


ZONE3

Measure-X

Prolink

CMM Manager



## Equipment Capabilities

- Bridge CMM: 2000 x 1000 x 800mm / 80 x 40 x 32" – Accuracy 9µm or better (probing)
- Video/Multisensor: 500 x 450 x 200mm / 20 x 18 x 8" – Accuracy 5µm or better (optics)
- Portable CMM: 3500mm / 138" – Accuracy 85µm or better (laser)
- Surface Roughness: Up to 90mm trace length, accuracy based on application
- Contour: Up to 90mm trace length, accuracy based on application
- Form: 550mm part length capacity, 430mm Ø, Accuracy 2µm or better

*\*Accuracies are based on performance statements of largest systems in Cross PMG inventory. Accuracies for smaller parts or on smaller systems may be better. We can provide information such as application specific uncertainty of measurement values upon request. Expanded measurement uncertainties are available on our ISO17025 scope of accreditation.*

As a proud representative of many of metrology's leading manufacturers, we take pride in the technology we offer to support customer needs. However, we know that the service that keeps the system running is every bit as essential as the hardware and software of the machine. It's important to us that we are able to provide our customers with local, responsive support to help them meet their deadlines. Our broad scope of capabilities, extensive expertise, and strong customer relationships allow us to offer a unique and highly valuable service for metrology support.

## Platforms Supported

### LK Metrology

- CAMIO
- Metrology Gate

### Metlogix

- M2 & M3 (Vision and Optical)
- L1, L2, L2+, and L3 (Force and Material Testing)

### Optical Gaging Products

(including RAM Optical, Certified Comparator Products, QVI)

- Measure-X
- MeasureMind3D
- ZONE3

### PolyWorks

### Prolink Software

- GageStation
- QC-Gage
- QC-CALC Real-Time
- SPC Office Buddy

### QxSoft

- CMM Manager