

## Overview -

Quality Inspection is a dimensional inspection laboratory specializing in creating First Article Inspection reports, Solid Model Inspection, and Statistical Process Control reports using Coordinate Measuring Machines with both touch probe technology and video technology. Our quality management system is registered to ISO 9001:2015 though DEKRA, and compliant with ISO 17025 and AS 9100. Our other services include 2D and 3D reverse engineering drawings and models, partial inspections, and receiving inspection services. We serve the medical, aerospace, plastics, and automotive industries as our core customers. Quality Inspection has been in operation since 1993. We have completed over 45,000 different customer jobs and counting.



## Facilities -

Quality Inspection is in a modern 8,000 square foot facility close to both the 15 Freeway and 91 Freeway in the center of Southern California. Riverside, Orange, Los Angeles, San Diego, and San Bernardino Counties, are within a 1 hour driving radius. Our laboratory is temperature-controlled 24 hours a day to maintain consistent measurements. We offer truck access to our warehouse entrance, enabling us to handle parts weighing up to 2,500 lbs and measuring up to 18 feet in length.

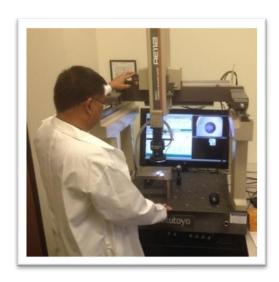


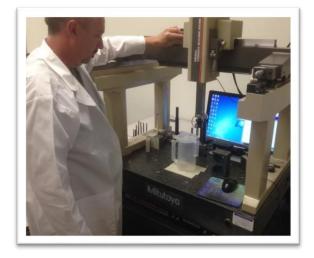
## **Expert Team and Experience –**

Quality Inspection boasts a team of expert inspectors, each extensively trained on Coordinate Measuring Machines. With years of experience, our inspectors have inspected thousands of components, including Medical Devices, Aerospace/Defense products, Castings, Forgings, and Injection Molded Plastic parts. On average, our staff members possess over 15 years of industry experience. They are proficient in ASME Y14.5 standards and adept at handling various data formats.

**Equipment** – All measuring equipment at Quality Inspection is traceable to the National Institute of Standards and Technology (NIST). Our Coordinate Measuring Machines (CMMs) undergo calibration by factory-trained technicians and are cross-checked against each other to ensure accuracy. Currently, we operate 12 CMMs in total. Our capabilities include measuring parts up to 18 feet long, 62 inches wide, and 40 inches tall. Seven of our CMMs are equipped for non-contact video measuring, while nine are designed for contact measuring. Additionally, we have six robotic (CNC) CMMs and six manual CMMs.

To the right is one of our seven Mitutoyo CMMs with a variable 10x-250x Video Inspection Probe attached. This allows us to see features as small as a micron. Video technology is very useful when measuring parts that are soft, like rubber, silicone, and soft polymers.





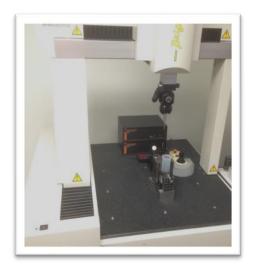
To the left is one of our Mitutoyo CMM's with a touch probe loaded. These CMM's can do both visual and touch inspection. Having both types of technology improves both accuracy and turnaround time on your project.

Our Keyence CNC video inspection system can inspect hundreds of features per minute. We also have a Nikon CNC video inspection system.



This Mitutoyo CMM is a high-speed automatic touch technology CMM which can measure hundreds of dimensions per hour.

We have performed thousands of SPC inspections like Cpk studies, using high-speed touch technology CMMs.





Our main lab room houses our 4 large CMMs:

- o Brown & Sharpe 15-22-10
- o Brown & Sharpe 12-15-10
- Mitutoyo BN710H
- o Mitutoyo B-241

We can measure parts up to 60 inches wide by 18 feet long and up to 2,500 pounds with these machines

Quality Inspection provides high-quality, accurate, and repeatable inspection reports with the best turnaround times, at a very competitive price. We quote all jobs in advance so there are no surprises.

Feel free to contact us for a free no-obligation quote. Doug Davis is our General Manager who can be reached at <a href="mailto:doug@qinsp.com">doug@qinsp.com</a> or 951 270-2667 for quoting and questions.

We look forward to hearing from you,

Patrick McSwain

President

Quality Inspection

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