



**For Your Product's Perfection**



## Your Precision Dimensional Measurement Solution

**Q-PLUS** is a premier full service precision dimensional measurement and inspection laboratory providing a wide array of quality measurement services and solutions.

**Q-PLUS** is one of the most well equipped and uniquely capable independent precision dimensional measurement laboratories in the world. We utilize a wide array of precision measurement and inspection equipment including automated capabilities. We also provide portable, on-site measurement solutions.

Coupled with our staff of highly skilled, trained, and experienced professionals, **Q-PLUS** is uniquely capable of performing its services to the very highest standards and delivering solutions that work.

# Company Overview

**Q-PLUS** was founded by a veteran metrologist and quality manager with over 25 years of intensive industry-specific experience and formally educated in the field to fill a great need for high-quality measurement, inspection, and quality-related services and products.

Since 1987, **Q-PLUS** has been committed to serving customers across the nation and around the world by offering the finest in inspection, measurement and engineering technologies, principles, and techniques as well as attentive and responsive customer service.

**Q-PLUS** was the first dimensional measurement and mechanical inspection laboratory on the West Coast to achieve formal A2LA ISO 17025 accreditation in Mechanical Testing for dimensional measurement and inspection.

Our customers both big and small and from a variety of industries include 3M, Alcon, Bell Helicopter, Boeing, Boston Scientific, Fender, General Dynamics, GE, Honeywell, Johnson & Johnson, JPL, Lawrence Livermore, Lockheed Martin, Medtronic, Navy, Oakley, Saleen, Toyota, United Technologies, Yamaha.

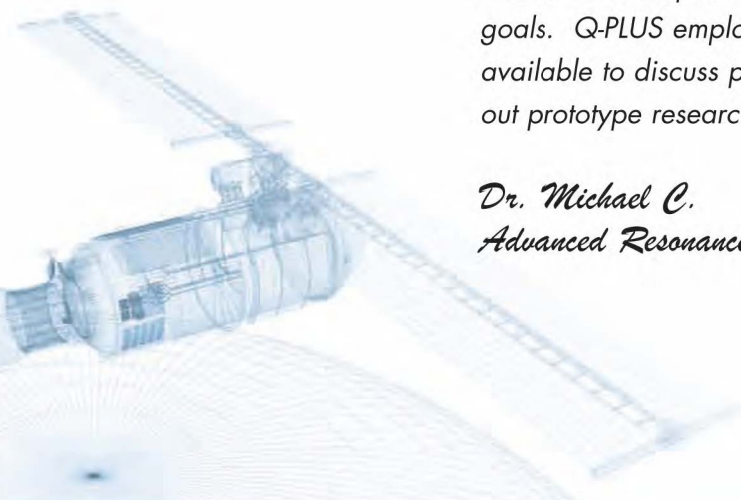


## Case Study: **Q-PLUS** Fixes Dental Tool Manufacturer's Quality-Ache

**Challenge** - A major dental tool manufacturer experienced severe process control problems that effectively shut down a key production operation because of a high rejection rate. Due to the complex nature of the product, a variety of specially sized and configured one-use tools used for dental surgery, and the speed at which the tools were produced, the cost of part sorting was prohibitively high. Existing measurement & inspection capabilities were unable to provide adequate control of the process. This was a big problem and a solution was needed fast.

*“Our company has benefited greatly from service and consultation expertise offered by Q-PLUS. Time saved through outsourcing our QC-protocol trial runs has helped enormously toward meeting our product feasibility goals. Q-PLUS employees are cordial, competent, and readily available to discuss project details necessary when carrying out prototype research and development.”*

*Dr. Michael C.  
Advanced Resonance Technologies*





**Solution** - Q-PLUS quickly responded with a multi-faceted solution. First, the product definition was reviewed and determined to be inconsistent. No 3D models existed so the 2D drawings were inaccurate. After correcting the drawings, proper and appropriate dimensioning and tolerancing was instituted. Next, our laboratory performed the interim measurement and inspection immediately allowing production to proceed in confidence. The customer also needed an effective in-house measurement capability so a measurement protocol was developed. This required new equipment, programming, and custom fixturing for which Q-PLUS staff went on-site to setup, implement, and train. Lastly, Q-PLUS validated the new measurement process by verifying the results with those obtained in our laboratory. The objectives were achieved and production continued in earnest.

## Services

**Q-PLUS** offers a wide variety of measurement, inspection, engineering, and quality-related services. Providing premium service without premium cost is our main objective. Regard us as an extension of your own company. We pay special attention to the little details because small mistakes can cause big problems.

Our services, which are tailored to the need of the customer, are typically performed inside our sealed environmentally controlled laboratories. **Q-PLUS** also has on-site measurement capabilities using sophisticated equipment with temperature compensation.

Our services include:

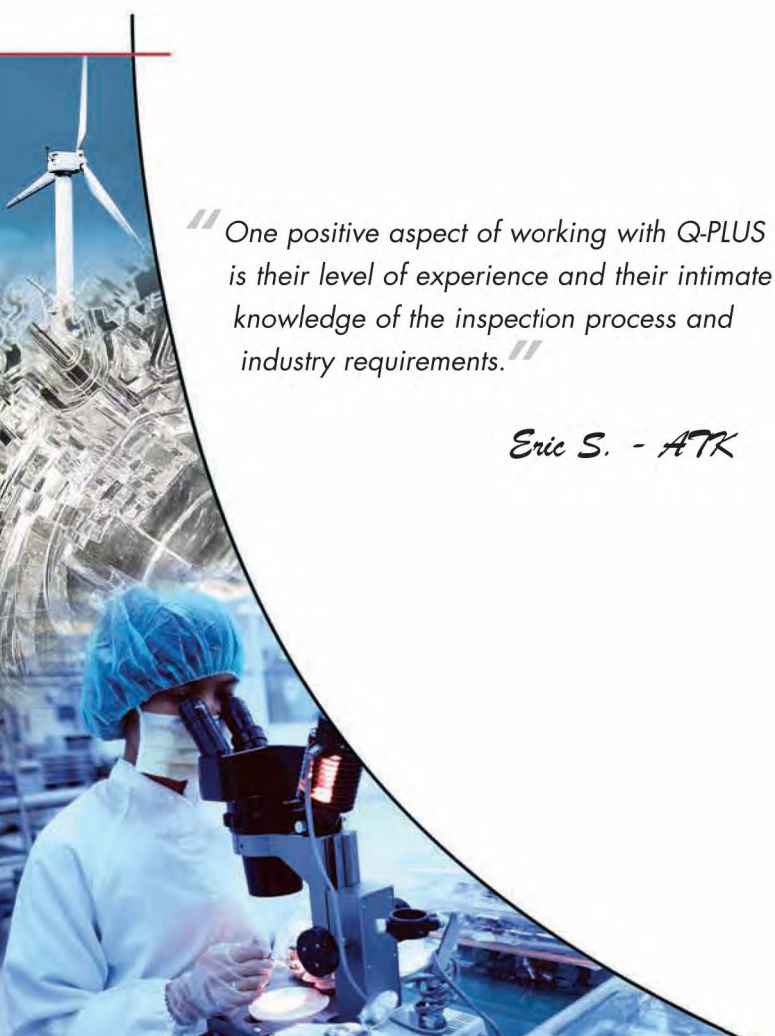
- **Dimensional Inspection**
- **Reverse Engineering**
- **Calibration**
- **Consulting**
- **Training**

## Products

Equipment Sales - Our dimensional measurement lab personnel are the most demanding of all when it comes to the measurement and inspection equipment they use. We put this expertise to work for you to help specify, purchase, setup, integrate and validate the measurement and inspection equipment you need.

**Q-PLUS** is a reseller of new, pre-owned, and custom measurement and inspection equipment from a growing number of top manufacturers. We only sell products we rigorously test and approve for use in our own measurement lab to assure they will work for you.

**Q-PLUS** offers cost-effective, value-oriented solutions for your in-house measurement and inspection equipment needs. Additionally, we can provide you with equipment support that's customized around your business and product quality-related needs.



*“One positive aspect of working with Q-PLUS is their level of experience and their intimate knowledge of the inspection process and industry requirements.”*

*Eric S. - ATK*



## We Take Quality Personally

### MISSION STATEMENT

Our commitment is to be of maximum service to the manufacturing industry by promoting and supporting quality while striving for the perfection of our customers' products via the continuous pursuit of the most effective measurement and inspection technologies and principles.

Quality is the key to business success and we are our customers' strongest advocate and partner in their pursuit of Quality. We apply the same modern quality principles to our measurement processes that we help our customers implement in their manufacturing processes.

We are dedicated to constantly developing creative ways to most effectively employ the latest technologies. **Q-PLUS** has a wealth of experience with a wide array of measurement technologies as well as numerous manufacturing processes, applications, and industries. From this reservoir of knowledge and expertise we can apply the technologies and techniques that produce the best result in the shortest time.

Product quality is an ever increasing challenge.

Call today to see how **Q-PLUS** can find a solution that best suits *your* needs.

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