FARO®

CAM2® Software

The World's Smartest 3D Measurement Platform

A New Standard for Actionable Metrology

FARO® CAM2® Software is a powerful, intuitive and application-focused 3D measurement software platform designed to enable users to efficiently fulfill their quality assurance and inspection tasks. CAM2 has been developed to streamline industrial metrology applications such as dimensional controls, incoming part, and first article inspections, part-to-CAD comparisons, assemblies and repeat part measurements.

CAM2 not only allows you to improve and increase the efficiency of your measurement routines; it also provides an effective and smooth correlation between metrology (quality assurance) and production operations, offering a powerful tool to fully control and optimize your manufacturing processes.

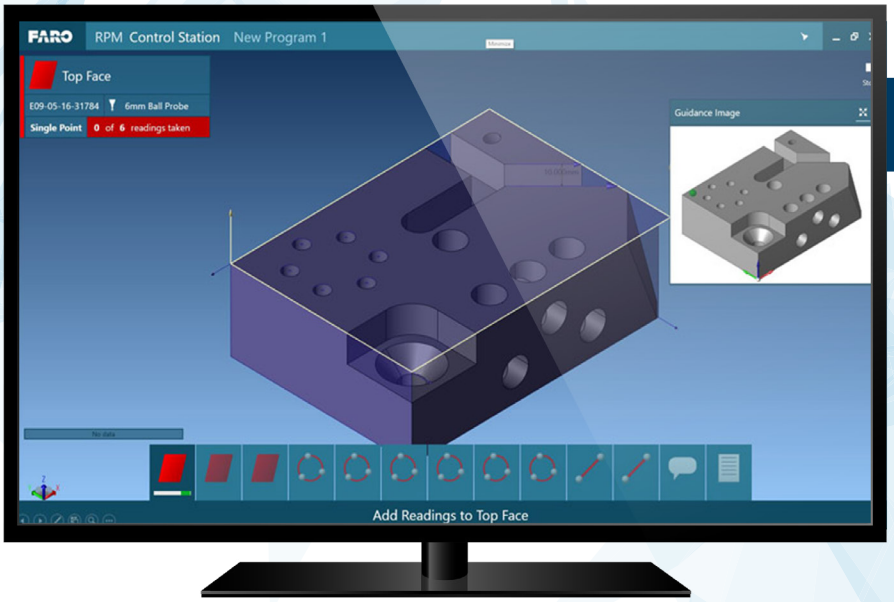
Built around customer application needs and designed to streamline your daily measurement operations, CAM2 sets a new standard for actionable metrology via improved ease of use, interactivity, flexibility, and generation of targeted, actionable intelligence.

1. Integrated Measurement Solutions

CAM2 metrology software for maximum feature integration with FARO hardware.

2. Measure with Confidence

Measurement consistency and reliability in all working environments.

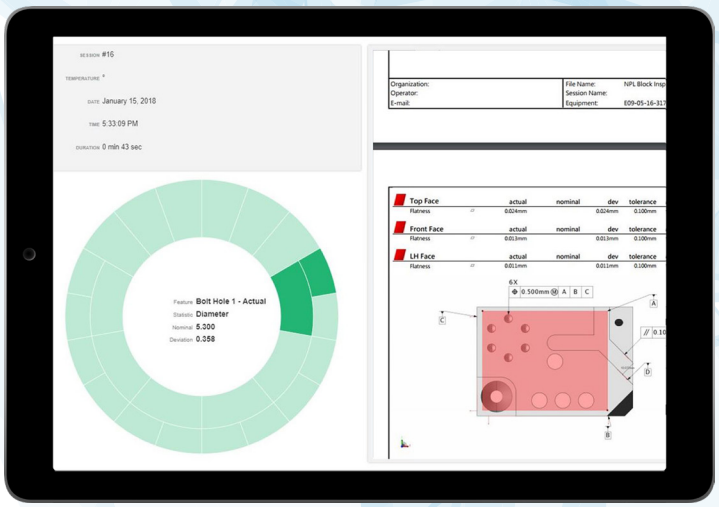


3. Guided Workflows

Simply and easily step through your measurement inspection routines.

4. Analyze, Control and Improve

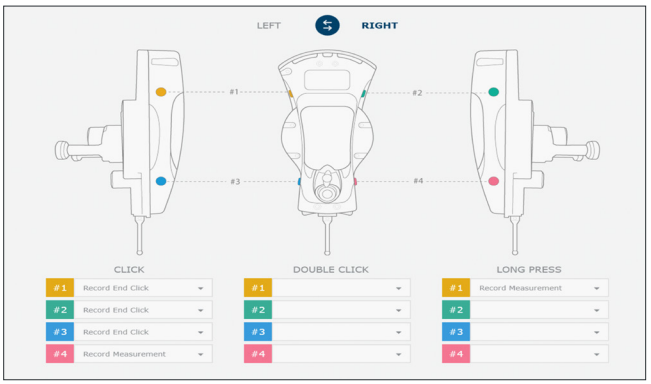
Real-time information from a web-based dashboard for actionable manufacturing insight.



From Accurate 3D Measurement...

FARO Inside

Benefiting from strong customer relationships, FARO CAM2, combined with our metrology devices and best-in-class services, is the ideal solution for all organizations looking to maximize productivity, realizing the full operational potential of their FARO metrology equipment.



"Going from traditional inspection tools to 3D scanning on complex parts easily cuts your time in half, and the FAROBlu® (Laser Line Probe) with CAM2 software cuts that time even more because the features are all right in front of you. The X, Y, and Z dimensions are very obvious."

Kyle Van Tatenhove
Engineer and CNC Manager
ICP (Industrial Custom Products)

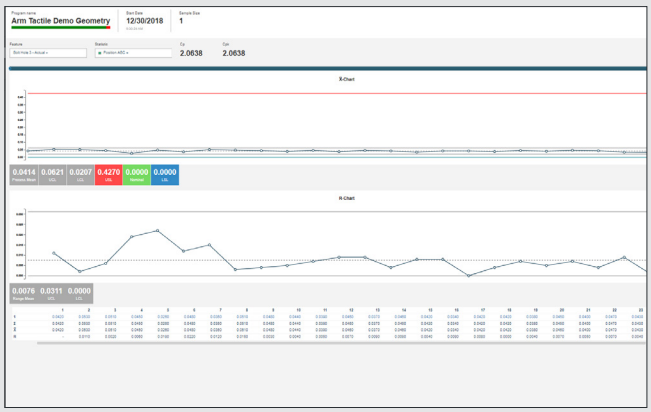
...to Actionable Manufacturing Insight

Intuitive and Easy Measurement

FARO CAM2's best-constructed workflows, graphical user interface (GUI), and intuitive commands allow any operator – independently from experience and technical know-how – to simply 1-click walk through even the most complex inspection routines.

"Users have access to CAM2 QuickTools that have been programmed and published to perform fully-guided inspection routines that enable the inspection of any component to be performed by anyone, anywhere across the factory floor. This ensures consistent inspection methods and results regardless of personnel."

Scott McHutcheson
Operations Director
Zeus Engineering



Actionable Data

FARO CAM2 offers reporting capabilities that allow organizations to share measurement data and results anytime, to anyone across their organization. In addition, it delivers real-time inspection results and insightful trend analysis (SPC) in a user-friendly set of adaptable visual reports. It provides insight to process variations and alerts which help avoid time-consuming "rework" and costly scrap, allowing companies to improve their manufacturing processes.

"The reports that CAM2 generates are really nice documents. The information and images provide great feedback. CAM2's report format makes the other stuff look like it's written in DOS language."

Tommy Rogers
Quality Manager
Brodie International

Application-Focused Software

3D Manufacturing Applications

Benefiting from continuous, insightful customer feedbacks and more than 30 years of experience in the field of industrial metrology, FARO CAM2 stands out as an extremely powerful software platform to streamline your 3D measurement applications.

FARO encourages its customers to be proactive and offers the unique opportunity to have a voice in the software development process to improve their daily measurement operations.

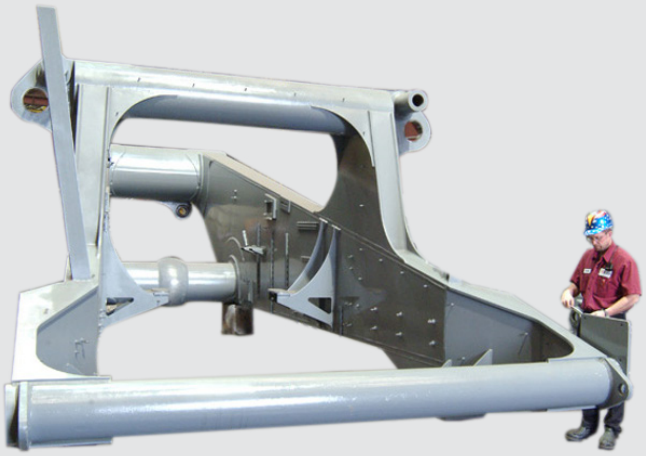
Based upon customers' needs and requirements, FARO identified and developed several common workflows designed to optimize users' measurement activities. These can be grouped into 3 macro application areas, which present similar characteristics.

Press, Form & Trim

Components comprising of freeform surfaces, trimmed, punched, formed or pierced edges, are typically verified against CAD models. The FaroArm and FARO ScanArm are often used to capture both tactile and non-contact measurement.

Example applications:

- Injection Molding / Composites / Cast Components
- Body-In-White / Pressed Panels / Metal Stampings



Geometry, Position & Orientation

Components and assemblies with geometric features manufactured through machining or fabrication and verified against 2D drawings or CAD models. The FARO Gage and FaroArm are typically used for small-to-medium sized components and the FARO Laser Tracker for the larger components and assemblies.

Example applications:

- Machine Components
- Yellow Goods Fabrications
- Wind Turbine Hubs

Guided Build & Confirm

Assembly and inspection of large assembly fixtures, tooling, and set-ups often use inspection devices and software as both an assembly and verification tool. CAD models or 2D drawings are used in this process. The FARO Laser Tracker is typically used for larger components / assemblies.

Example applications:

- Aerospace Wing / Fuselage Assembly Fixtures
- Automotive Panel Welding / Assembly Fixtures

"The point-clouds captured by the Quantum^{E} ScanArm and the use of CAM2 software enabled extremely accurate CAD models to be generated and exact replicas of each of the scanned elements to be efficiently manufactured. On its first major project, the Quantum^{E} and our new FARO software proved their advanced capabilities and resulted in considerable time savings and the completion of a first-class job."

Iain Hussey
General Manager
Watson Towers

FARO®

For more information, call 800.736.0234 or visit www.faro.com