



FARO Edge

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The World's Most Innovative Measurement Arm

The FARO Edge is a portable measurement arm that allows manufacturers to easily verify their product quality by performing inspections, tool certifications, CAD-to-part analysis, and reverse engineering.

Designed with your input and built with our experience, the Edge represents the latest generation of the FaroArm® product line. It is the most advanced portable CMM FARO has ever produced and continues to eclipse competitive models in every category. There is no comparable alternative product for the shop floor.

The FARO Edge's industry-leading features make it the ideal tool for companies that are constrained by the limitations of fixed CMMs and other portable measurement arms. It has the power to take metrology — and your business — where it has never gone before.



Cutting-Edge Technology for Your Needs

The FARO Edge is the most advanced, state-of-the-art FaroArm ever. As the industry leader, FARO once again raises the bar in portable measurement with the revolutionary Edge.

The all new Edge is the first ever smart measurement arm. With a built-in touchscreen and on-board operating system, it becomes your personal measurement assistant. Stand-alone basic measurement capabilities give FARO the edge, taking portable metrology to the next level.

The FARO Edge simplifies the user experience with improved performance, portability, and reliability.

Improve production, quality, and reverse engineering processes by rapidly verifying or scanning parts with confidence and accuracy.

Users can expect shorter training time, greater ease-of-use, and improved reliability of measurements.





Equipped with a smart, multi-function handle port, the FARO Edge offers seamless and interchangeable accessory integration. The quick-change handle and expansion options allow customization according to individual needs.

State-of-the-Art Features

Intuitive On-Board Measurement System

With its built-in touchscreen computer and “SmartArm” technology, the Edge easily performs laptop-free basic measurements. On-board diagnostics and easy-to-setup measurement routines simplify your measurement functions.

Multi-Function Handle Port

With a quick-change handle and expandable capability, the Edge allows for seamless and interchangeable accessory integration.

Smart Connectivity

The Edge expands connectivity through Bluetooth, WiFi, USB, and Ethernet-ready options and enables multiple device management through enhanced networking.

Ergonomics

In addition to its patented internal counterbalancing that provides comfortable, stress-free use, the Edge provides improved weight distribution and balance, for reduced strain and ease-of-use.

Smart Sensor Technology

Improved sensors warn against excessive external loads, correct for thermal variations, and detect possible setup problems – all to warn against factors that may compromise measurement performance.

Multi-Probe Capability

The Edge is compatible with a wide range of probing attachments such as standard and touch probes, FARO iProbes, and even custom probes.



Simplicity at Your Fingertips

The FARO Edge's on-board measurement software incorporates the essential functions of our powerful CAM2 metrology solution and delivers them in a user friendly, icon-driven interface that provides autonomous operation for basic inspection without the need of a separate computer.

Basic Feature Measurement

Quickly measure basic geometric features or check length and angular dimensions. Easily setup parts using simple, predefined alignment options. Review and save results locally, to a SD card or the USB drive.

Probe Management

Select and compensate multiple probe types right from your device – independently from your preferred measurement software.

QuickTools

Create simple custom measurement routines for your repetitive tasks, thereby ensuring measurement consistency among users. You can even incorporate your own part images for easy reference.

On-Board Diagnostics

A series of tests are available to ensure proper device setup, improve measurement stability, and verify device performance – an event log automatically tracks and records device environment history.

Personalized Settings

The Edge allows you to personalize the settings to your specific needs. Easily switch between English and metric units, select from multiple languages, set display and sound preferences, choose from different connection options, and monitor and manage power settings.



With its enhanced ergonomics and intuitive user interface, the new FARO Edge increases productivity and efficiency.





Laser Line Scanning with a Competitive Advantage

The all new FARO Laser Line Probe adds unparalleled non-contact measurement capabilities to your FARO Edge. With a wider laser stripe, it significantly increases scan coverage without sacrificing accuracy while providing exceptional speed and feature definition.

Taking advantage of the Edge's multi-function, quick-change handle port, the Laser Line Probe integrates seamlessly and instantly becomes part of the arm. With its light weight, compact design, it is completely unobtrusive.

The FARO Laser Line Probe delivers the best performance at the lowest price in the industry for a handheld laser scanning system.

With its improved performance, portability, and reliability, the FARO Edge is suitable for a variety of measurement needs, ranging from small parts to large objects.





Everyday Applications

Dimensional Analysis

- Calculate geometric and GD&T measurements
- Compare complex geometry, surfaces, and features to nominal
- Consistent results and reporting functionality

CAD-Based Inspection

- Measure directly against CAD data
- Inspection reports certify part is within tolerance

First Article Inspection

- Measure and compare prototype parts to nominal data
- Avoid lengthy programming procedures of traditional tools

Alignment

- Position parts on machine tools with precision
- Perform alignments faster, more accurately, and with less effort

Reverse Engineering

- Digitize parts or objects to create fully-surfaced CAD models
- Facilitates rapid prototyping in a fraction of the time



About FARO

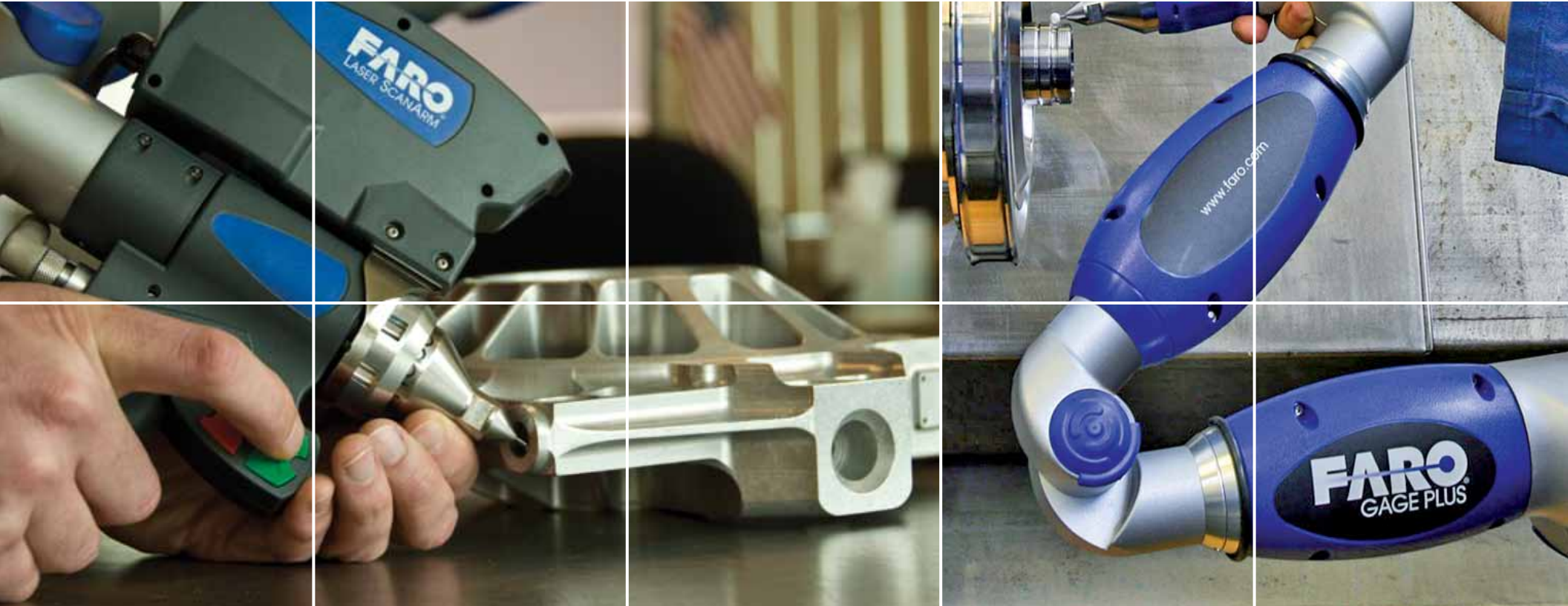
FARO is a global technology company that develops portable 3D measurement instruments for inspection, imaging, reverse engineering, and surveying. Our focus is on simplifying our customers' work with tools that empower them to dramatically reduce their on-site measuring time and lower their overall costs.

As the pioneer in portable computer-aided measurement, we apply our unique knowledge and understanding of our clients' business goals to help them succeed. We empower our clients to exceed the demands placed upon them by applying the latest advances in technology to make FARO's industry-leading product offerings more accurate, reliable, and easier to use.

Our commitment to our customers extends well beyond product performance – with FARO you have 3D measurement peace of mind. Each FARO team member is completely focused on simplifying our customers' work, championing their innovation and ours, so our customers and their businesses can be more prosperous.



The FARO Edge's improved weight distribution and balance provide comfortable stress-free use in any environment.



“FARO has been exceptional in the support they have provided. It proves we made a great choice with FARO.”

Peter Adams, Burloak Engineered Solutions



The FARO Experience

Owning a FaroArm is just the beginning of your partnership with us. Our employees are known for building relationships – visiting your facility, getting to know your business, your processes, and providing measurement plans and training to help you get the most out of your FARO system.

FARO operates service and calibration facilities around the world and all are ISO 9001:2001 certified and ISO-17025 laboratory registered to service FARO’s products. Each center provides warranty and post-warranty services. At FARO, our goal is to service, inspect, calibrate, and return your equipment within a timely manner.

FARO’s training provides you with the knowledge necessary to execute measurements with confidence. From product setup, basic measurements, working with alignments and nominals, to advanced procedures and programming, we offer basic and advanced level classes at a FARO training center, or at your own facility. FARO also has experienced customer service representatives who offer telephone support for equipment or application-related questions.

www.faro.com/edge