

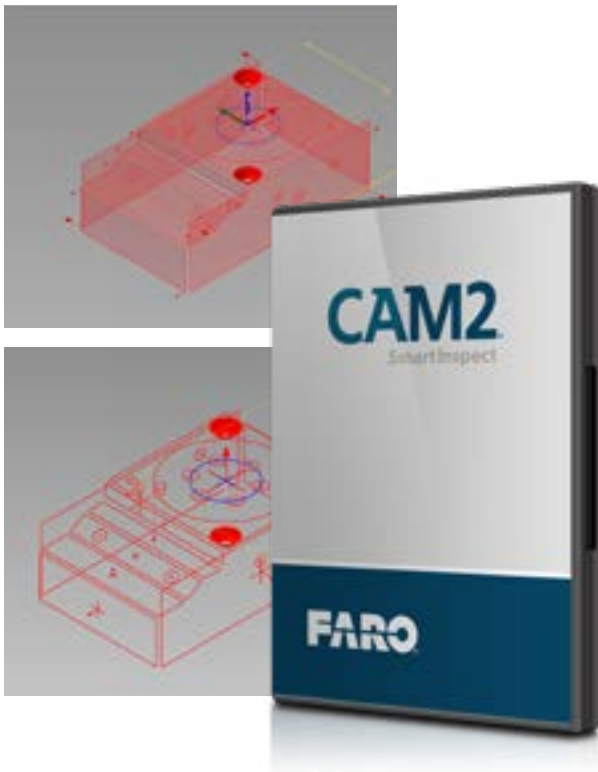
CAM2[®] SmartInspect 1.2

The Most Intuitive Portable Measurement Software
for FARO[®] Laser Trackers and FaroArms

FARO[®]

FARO CAM2 SmartInspect is the perfect software for any FARO Laser Tracker, Arm and Gage users who are looking for non-CAD based inspection. The software interface is designed to be simple and intuitive, so that users without any 3D metrology background can be easily trained. It can run on Microsoft Windows™ based mobile devices, making it the first portable metrology software for basic geometric measurements. SmartInspect features a live graphical view for interactive measurement or an image-based measurement guidance view as a means to support measurement of repeat parts. Interactions with the live view provide an intuitive platform for dimensioning geometrical relationships and constructing features that cannot be measured directly.

CAM2[®] SmartInspect



Live On-Screen 3D View of Measurements

With the live on-screen view, users can see the results of their measurements shown graphically in projection plane views. The graphical view can also be rotated to show a 3D representation of all the measured features.

Move Device

Users can move their device during the measurement process and measure their part from different positions.

On-Screen Dimensioning

Interact directly with the graphical view to create dimensions and constructions needed to extract information that cannot be measured directly. Arrange the dimensions relative to the measurements to document results with clarity.

Touch-Capable Use

The software runs on Microsoft Windows™ based PCs or Touchpads as the first portable metrology software for FARO Laser Tracker, Arm and Gage.

Most Common Applications

Automotive: Tool Building & Certification, Alignment, Part Inspection
Molding/Tool & Die: Mold and Die Inspection

Metal Fabrication: OMI, First Article Inspection, Periodic Part Inspection
Aerospace: Alignment, Tooling & Mold Certification, Part Inspection

BENEFITS

- ▶ Interactivity: Live feedback displaying results in a graphical 3D view and immediate recalculation of results
 - ▶ Consistency: Image-based support for measurement guidance; Live error display during measurements
 - ▶ Flexibility: Immediate measurement; one click repeat part measurement
 - ▶ Reliability: NIST / PTB certification
 - ▶ Ease of use
-

ADDITIONAL FEATURES

Smart Suggestion Box

Suggestions constantly provide users with guidance on what operations can be conducted with objects they have selected.

QuickTool Import

The QuickTools functionality permits import and use of QuickTools programs generated in FARO® CAM2 Measure 10.

Repeated Part Measurement

Once a part has been measured, those measurements can be repeated with a single click.

Picture support for guided repeat measurement

Ability to associate real part pictures where markers can be added to provide clear visual guidance to measurement operators.

Voice Operation

Give instructions using your voice enabling the user to operate software hands free.

Real-time Audible Feedback

Allows users to instantly know when a bad measurement has been taken, a Tracker beam has been broken, and check position with home-in guidance.

CAPABILITIES

Nominals

- Create nominal features by entering values

Reporting

- Versatile export formats
- Export to XPS, PDF and text formats

Alignments

- Coordinate system
- Three-feature

Programming

- Record steps for a part program (online/offline)
- Play steps in a measurement program
- Integrated programming module

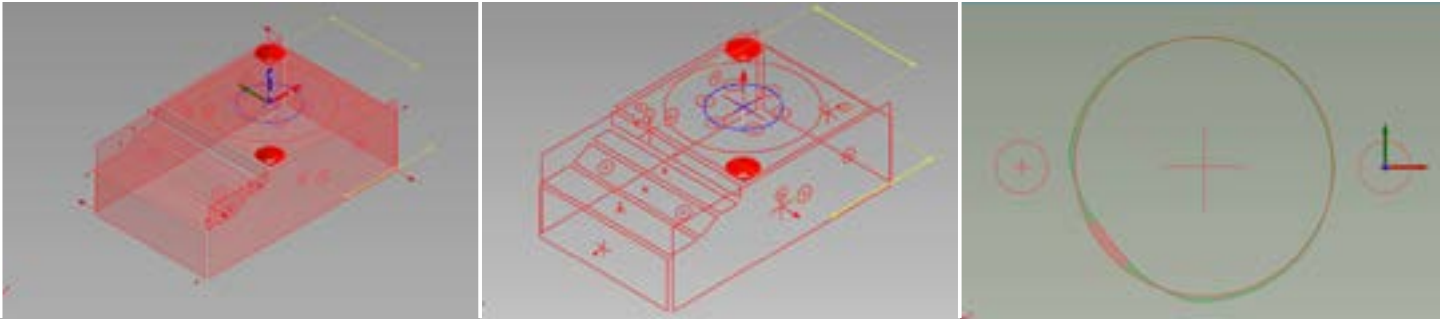
Software Version

- Basic: All functionality with images
- Pro: Extended version with all functionality, in addition of 3D viewer and on screen dimensioning

Measurement

- Seamless connection to Gage, Arm and Laser Tracker devices
- Direct measurement mode
- Online programming mode always on
- Easily align to part
- Live feedback during measurement
- Guided geometry measurement
- Labels
- Whiskers





SYSTEM REQUIREMENTS

Software Requirements

Operating System: Microsoft® Windows® 7, 8, 8.1, 10 (All operating system support includes 32-bit and 64-bit versions)

Languages: Chinese, English, French, German, Italian, Japanese, Polish, Portuguese, Russian, Turkish and Spanish.

Hardware Requirements

Minimum

- ▶ Intel® Core2® Duo E5500 + dedicated NVIDIA GPU (ex. GeForce 7000M)
- ▶ OR Intel Atom Z3740 @ 1.33GHz processor or greater
- ▶ 1 GB RAM DDR2, dedicated
- ▶ Graphics resolution - 1152 x 864
- ▶ 80 GB hard drive, 5400RPM
- ▶ Network Support: 100Mbps Ethernet/Wireless 802.11a/b/g/n
- ▶ Speech Recognition: Microphone jack/Bluetooth 2.0 or greater

Recommended

- ▶ Intel® Core™i3 3130M processor or greater
- ▶ NVIDIA GeForce 7600 GT
- ▶ 2 GB RAM or greater, dedicated
- ▶ Graphics resolution - 1600 x 900 or greater
- ▶ 160 GB hard drive, 5400RPM
- ▶ Network Support: 100Mbps Ethernet/Wireless 802.11a/b/g/n
- ▶ Speech Recognition: Microphone jack/Bluetooth 2.0 or greater

Recommended tablet for Touch experience

- ▶ Intel Atom Z3740 @ 1.33GHz processor or greater
- ▶ 2 GB RAM or greater
- ▶ Graphics resolution - 1024 x 600 or greater with multi-touch capability. Multi-Touch is an option with Windows 7 Home Premium or higher.
- ▶ 160 GB hard drive, 5400RPM
- ▶ Network Support : 802.11a/b/g/n
- ▶ Speech Recognition: Bluetooth 2.0 or greater

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

