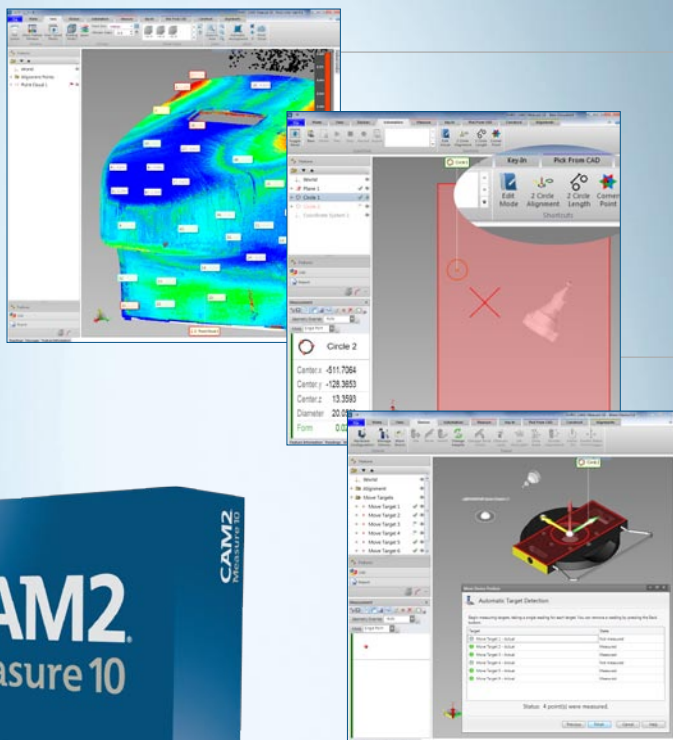


# CAM2<sup>®</sup> Measure 10

## The first choice in portable measurement software

# FARO<sup>®</sup>



### NEW - Live Colour Scan

Thanks to Live Colour Scan, FARO's new point cloud inspection technology, CAM2 Measure 10 users are now able to quickly scan freeform parts using the ScanArm in a way never seen before. Users see a live color deviation on their CAD model as the part is being scanned, increasing the efficiency during the scan process.

### NEW - Shortcuts

The Shortcuts feature allows users to create new commands to measure features that are only available through combining measurements and constructions. Shortcuts empower you to record all steps of a complex measurement into a single command that can later be accessed with a single mouse click.

### NEW - Easy Move Wizard

The Easy Move Wizard is a great assistance for measuring large parts when the need to reposition the device is often necessary to complete a measurement. The complexity of finding the correct target correspondence is taken away from the operator, cutting down on the time required for the repositioning and, at the same time, removing the risk of human errors.

Engineered for maximum efficiency in computer-aided measurement and 3D inspection, FARO's CAM2 Measure 10 offers you the flexibility to measure the way your process or job requires. The software is ideal for CAD and non CAD-based inspection and Geometric Dimensioning and Tolerancing (GD&T). CAM2 Measure 10 features image-guided measurement, automatic nominal association to various features, QuickTools and an elegant and intuitive user interface. Moreover the software is delivered with a reliable CAD import tool which increases the ability to load a large amount of CAD data.

### Most Common Applications

**Aerospace:** Alignment, Tooling & Mold Certification, Part Inspection  
**Automotive:** Tool Building & Certification, Alignment, Part Inspection  
**Metal Fabrication:** OMI, First article inspection, Periodic Part Inspection  
**Molding/Tool & Die:** Mold and Die Inspection, Prototype Part Scanning

### Features

- ▶ **Interactivity:** Live feedback, even with a Laser Line Probe, Immediate recalculation of results
- ▶ **Consistency:** QuickTools, Bundle Adjustment
- ▶ **Flexibility:** Shortcuts, Customizable UI, Layers support
- ▶ **Efficiency:** Immediate measurement, Auto nominal
- ▶ **Reliability:** NIST / PTB certification, Solid CAD

## Additional Features

### Remote Measurement

With the CAM2 Measure 10 Remote Apple App, iPhone, iPod Touch and iPad owners can communicate with their CAM2 Measure 10 via Wi-Fi and thus conduct remote measurement: run commands, change scanning modes, take positions and see results in real-time. It also supports multiple operators and QuickTools.

### Repeated Part Measurement

Measurement of multiple parts can be simplified using QuickTools programming. Develop part programs quickly by recording the steps of the first measurement. Later add pictures to the measurement steps to provide easy graphical instructions for the operators.

## Capabilities

### Import/Export

- Import/export points to a text file
- Import CAD files
- Export measurement results to CAD
- Export CAD as XGL

### Measurement

- Seamless connection to FARO hardware devices
- Direct measurement mode
- QuickTools programming module
- Tube measurement
- Easily align to part
- Live feedback during measurement
- Guided Geometry Measurement
- Constrained Iterative Alignment for Propeller and Turbines applications (CAD based)
- Measurement of parabolic shapes

### Programming

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

### Alignments

- Coordinate system
- Iterative
- 3.2.1
- Six-point surface
- RPS
- Three-feature

### Nominals

- Pick features from CAD (single click)
- Create nominal features by entering values

### Reporting

- Versatile export formats
- Report with images and in different CS
- Export to HTML, text, Microsoft<sup>®</sup> Excel, PDF

### Live Color Scan

- Color scale in the 3D view
- Surface Profile GD&T
- Place labels on your scan to determine deviations at critical locations
- Export scans to text file

## Specifications

**Platform:** Windows<sup>®</sup> Vista ▪ Windows<sup>®</sup> XP ▪ Windows<sup>®</sup> 7

**Data Input:** Parasolid<sup>®</sup>, IGES, VDA/FS, STEP ▪ Optional - Unigraphics<sup>®</sup>, Solidworks<sup>®</sup>, CATIA<sup>®</sup>, Solid Edge<sup>®</sup>, ProE<sup>®</sup> & Inventor<sup>®</sup>

**Data Output:** Parasolid<sup>®</sup>, IGES, VDA/FS, STEP

**Languages:** Chinese ▪ English ▪ French ▪ German ▪ Italian ▪ Japanese ▪ Portuguese ▪ Polish ▪ Russian ▪ Spanish ▪ Turkish



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