

Actiris 350

Portable
Coordinate Measuring Machine

Increase your productivity and quality with a total mobility!

- Cordless measurement, 100% portability
- Automatic alignment setup
- Dynamic reference frame
- Volume extension
- Self-monitoring calibration

Cordless measurement, 100% portability

With the release of the ultimate Vision Based Actiris350™, ActiCM has invented the world's most user friendly portable measuring system ever conceived. It represents the culmination of the combination of two technologies, Photogrammetry and a powerful Digital Image Processing.

The 100% portability of Actiris350™ renders traditional arms, hand tools and other portable inspection equipment obsolete. Anyone, anywhere can now inspect, reverse engineer or perform CAD-to-Part-analysis on parts, sub-units or complex assemblies with an unequalled precision, mobility and flexibility.

Automatic alignment setup & dynamic reference frame

Actiris350™ offers the user 2 types of alignment setup: a manual one and an automatic one with no probing, which reduces human errors. Both the sensor and the part can be moved during the measurement process without any need to re-align after each move, for a greater flexibility and time saving.

Measurement Range Volume Extension

To dynamically extend the measurement volume is now possible without any additional alignment setup. Actiris350™ can be repositioned along the part to be measured (or the part may be translated) with automatic and continuous capture of the measurement reference frame. No probing is necessary to re-establish datums after the part or the unit is moved.



Continuous calibration monitoring

Calibration parameters are continuously under surveillance allowing the system to itself identify when a calibration is necessary. The two minute calibration process can be easily performed by the operator. The yearly return of the unit to the factory for calibration is simply not required. Traceability is established with a calibration bar that may be recertified by local facilities.

Benefits

- L Time Saving and reduction of human errors
- L Cost Effectiveness
- L Vision based, no mechanical wear
- L Replaces arms & hand tools
- L Ergonomic and User friendly
- L Automatic data collection & report generation
- L Provides accurate measurement anywhere in the lab, factory or offsite

ACTiCM

A New Vision in Coordinate Measurement

