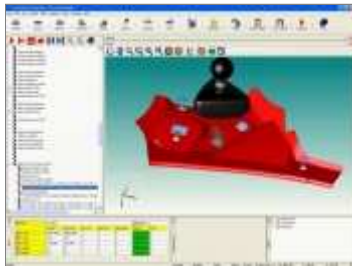


Camio Studio 6.0- Multi-sensor metrology software

Camio's multi-sensor portfolio covers laser scanning on CMMs as well as tactile 3-axis and 5-axis REVO scanning. With new enhancements in 3D laser scanning support, Camio 6.0 strengthens its position as a multi-sensor software platform for off-line programming and on-line inspection.

Camio 6.0 enables part program creation to be performed independently from the selected sensor type. This offers unlimited flexibility when selecting the most appropriate sensors for inspecting virtually any type of component. The user-friendly programming techniques, drag-and-drop and wizard based functionality provide new and experienced users the CMM software to create DMIS inspection programming from CAD product model data.



Key benefits

- Multi-localizer support for most CMM types and brands by I++ integration and RCA
- Multi-sensor support, including 5-axis REVO and Metris laser scanners
- Access to GD&T data from leading design software packages
- Production mode operation, compressing cycle time up to 25%

Key features

- Usability
 - Licensed options for reading manufacturing information
 - User rights & configuration management
 - Ergonomic CMM handbox improves productivity
 - Single-hand operation
 - Multi-function buttons/LEDs provides access to, and control over, various aspects of the CMM software
- Laser scanner integrations
 - Metris LC and XC laser scanner integrations
 - Increased speed of point cloud manipulation
 - Extended feature inspection
- Support of REVO 5-axis scanning
 - Dynamic probe positioning (DPP), which automatically corrects the probe head position to match the part alignment
 - Graphical 5-axis programming tools that offer full simulation for on-line and off-line programming
 - Full support for the emerging DMIS 5.1 5-axis scanning commands
- Extra features inspection possibilities
 - Support for welded nuts, welded studs and christmas tree features for body-in-white applications
 - Construct of cone features from a previously collected point cloud
 - Datum Wizard supports 8 feature types and over 20,000 datum combinations
- Offline laser programming
 - Simulation & collision protection capability
 - Accurate simulation of the path taken by the Laser during the simulation of offline scanning
 - Automatic creation of virtual point clouds during the simulation of offline scanning

Applications

- Automotive body-in-white & powertrain
- Aerospace airframe & components
- General precision engineering
- Reverse engineering
- Medical manufacturing

Technical specifications

- Direct use of ACIS®, CATIA® v4 and v5, Unigraphics, Pro-E® and Parasolids® model data
- Support for international exchange languages IGES, VDA-FS and STEP. (IGES as standard)
- Hoops® based graphical display supporting fast (streamed) CAD model loading
- Natively DMIS 5 compliant with no import or export required
- Standalone Camio CADfast interface provides Camio Studio users with access to the very latest revisions of CAD

All specifications are subject to change without notice