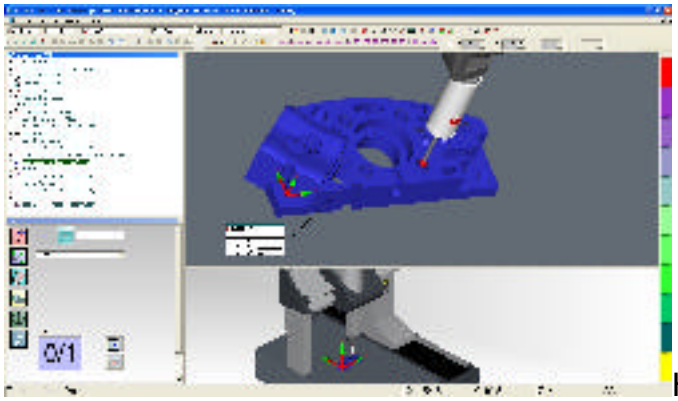
Measuring Software Capabilities Enhanced With New Features



Hexagon Metrology announced the release of PC-DMIS 2010, the latest version of its market-leading CAD-based metrology software. PC-DMIS is developed by Wilcox Associates Inc, a Hexagon Metrology company. PC-DMIS 2010 is a family of software products covering a variety of metrology hardware platforms and solutions sold under the banner of Enterprise Metrology Solutions (EMS). PC-DMIS 2010 rolls out enhanced versions of PC-DMIS CMM, PC-DMIS Portable, and PC-DMIS Vision software. The release also introduces new products such as PC-DMIS Planner and the DataPage+ suite of products.
The core product of the EMS suite is PC-DMIS CMM, which is used primarily on automated Coordinate Measuring Machines (CMMs). It offers many new functional and productivity improvements across the board. A new feature allows users to select animation path lines and either insert a safety move at the point of selection or jump to that command location in their part program. This feature is ideal for the users who have very large part programs and want to easily navigate within them.

PC-DMIS 2010 offers enhanced support for the new Geometric Dimensioning & Tolerancing (GD&T) ANSI Y14.5 2009. New comment functionality allows users to display pictures, videos, or text to aid the operators in executing a measurement routine.
Other new measurement capabilities include total integration with the supported non-contact 3D laser line sensors. New capabilities for non contact sensors include enhanced visualization of all parameters for programming laser-based 3D geometric features, as well as easy re-execution of laser based measurement routines. PC-DMIS 2010 has been enhanced to handle the large point clouds that are commonly gathered with these types of sensors.

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