

Touch probe on a bridge-type Coordinate Measuring Machine (CMM) –

Our in-house Wenzel CMMs are operating with the ANSI standard DMIS (Dimensional Measurement Interface Standard) enabling portability of inspection programs developed by DMI to operate on our customers' CMMs in their facilities. The state-of-the-art software, OpenDMIS, will export and import programs in DMIS 5.0 seamlessly.

All of our CMMs are capable of CAD-based inspection using IGES or STEP file imports, which introduces the data nominal into the CMM session and exports the inspection data in IGES format at the end of the project. With the CAD interface, a variety of reports and plots can be generated, such as ballooned graphical reports, color road-maps and whisker diagrams.

DMI's Wenzel CMMs are capable of high speed touch digitizing, using analog Renishaw probes. These scans can be exported into IGES B-Spline format.

One of the advantages of OpenDMIS software is its ability to perform off-line CAD-based programming, using the part and tooling representation as well as the Renishaw graphical representation. This enables our customers to import the program into their CMM, experiencing minimal debugging time.