EMPOWER YOUR CALIBRATION DEPARTMENT WITH VIRTUAL ASSISTANT

Determine Automatically Realistic Measurement Uncertainties for your Coordinate Measuring Machine (CMM)

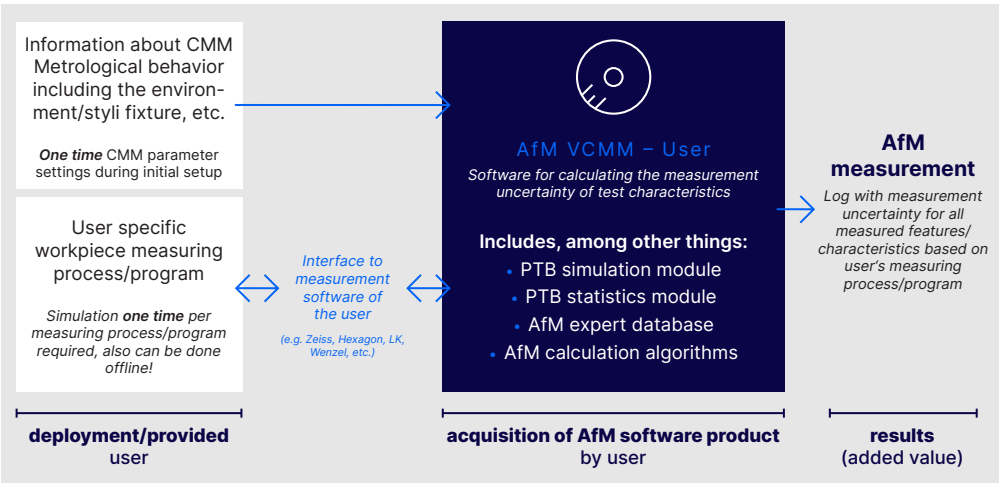
Calculating CMM measurement uncertainty is no easy feat. It usually requires a great deal of effort, including the use of multi-step processes, complex software verification and extra costs in using customized NIST-calibrated and traceable workpieces. Additionally, it demands a high level of technical competence and knowledge.

AfM GmbH now offers a **user-friendly software option for CMM in-process calculation of measurement uncertainty** based on latest development in cooperation with PTB (German NIST). AfM-VCMM (Virtual CMM) determines automatically „realistic" in-process CMM measurement uncertainties based on the Metrological criteria used by the User including styli configuration, environment and part fixture, etc.. AfM-VCMM will eliminate any CMM measurement errors and provides the necessary know-how to elevates your quality department to gage laboratory standard.

AfM-VCMM Advantage

- highly practical, easy and straight forwards no special knowledge is required to determine measurement uncertainties
- enhanced recall of data sets to evaluate correct and cost effective manufacturing process
- consideration of all static and dynamic factors/ criteria for defining CMM uncertainty
- calculation of the measurement uncertainty using the offline software license for existing measuring process evaluation are available
- identify critical measuring characteristics/criteria
- measuring process feasability for the Probe/Styli configuration, part fixture clamping and alignment, measuring program/strategy is verified and determined

AfM-VCMM Workflow



Interested?
Call us for more information.

Contact Germany
info@afm-tec.de
+49 (0) 7361 / 88 96 08 – 0

Contact USA
bries@precisiongrindingsolutions.com
+1 (914) 953-2379

AfM Technology GmbH | www.afm-tec.info

AfM
ACCURACY FOR MACHINES