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New Mask-Data Evaluation Tool from METAS

METAS offers you a free program which helps you to characterise your 2D measurement equipment such as projectors, measuring microscopes, optical- and mechanical-probing 2D or even 3D coordinate measuring machines (CMM). Download current Version from www.metas.ch/nano.

4 easy steps to valuable information:
1. You need first to have a 2D reference standard such as a photo mask, a hole plate or even a ball plate.
2. Let your standard calibrate at METAS to obtain certified high quality reference values.
3. Measure the standard on your instrument.
4. Analyse the measurement results using the **METAS Mask-Data Evaluation Tool.**

The software will automatically calculate and display for you:
- Maximum and typical machine deviations.
- Numerical and graphical display of the maximum permissible error MPE as defined in the ISO 10360-1 standard.
- X- and Y-scale errors, axis orthogonality, axis straightness deviations and angular errors of motion.

The main program functions are:
- Data import from editable text files.
- Manual data input and editing.
- Recalculation of the measurement coordinates for various object coordinate systems based on multi point-, two point- or first point methods.
- Simulation of the effect of scale and orthogonality corrections.
- Report generation as handy printout or in the html format to be used with any internet browser.