DCP Pocket V1.1 - What's NEW?

- Compatible with TDRA6000 & AT401
- XYZ DRO Gauge
- Tolerance based Build Mode
- Feature Construction with n-Points
- Stable probing / Measurement Modes
- Offset definitions for Measurements
Plug-Ins for TDRA6000 & AT401 sensors

- Bluetooth class 2 (BT class 1 optional)
- Wi-Fi (ad-hoc)
Universal Plug-In for TDRA6000 & AT401 sensors

Simply enter the IP address of your AT401 and CONNECT

Basic Parameters for Stable Probing and Point RMS are located under Settings
The new **XYZ DRO** has been added to the Feature page. The **XYZ DRO** is used for measurement verification, levelling or distance analysis.

This DRO can be used with AT401 and TDRA sensors. **MEAS** is used if a TDRA is connected.

The **SET ZERO** button can be activated at any reflector position and is convenient for Build/Inspect, Levelling or quick measurement verification.
Press the SET ZERO button at a particular reflector position. The yellow background color indicates that the user is working in a Gauge mode.

The Z-values of the corresponding reflector positions can be used for levelling or flatness checks, depending on the active sensor alignment.
XYZ DRO – Distance Check

Distance or alignment verifications can easily be made in the XYZ Gauge mode.

Press the SET ZERO button at a particular reflector position. The yellow background color indicates that the user is working in the Gauge mode.
The XYZ Gauge can be used as an alternative method to the conventional Build/Inspect mode with nominal point list. AT401 offers a real-time deviation DRO for convenient and efficient roller adjustment.
Build Mode with Tolerances

Build/Inspect with tolerance based background display.

Large deviation DRO with better readability while adjusting.

All measurement modes support Stable Probing and Find Reflector functions.
Feature Construction with n-Points

Construction of Circles, Planes and Lines with multiple points is now supported.

Toggle between Construction and Results tab in order to add additional points to the solution.

Individual point residuals can be reviewed and optimized under DETAILS.
Stable Probing / Measurement Modes AT401

Parameters for Stable Probing measurements can be entered under
JOB SETUP/SETTINGS

Stable Probing Mode can be activated in all Measurement and Alignment processes.

Measurement Modes are selectable in each Measurement process under the tab SETTINGS
Multiple or single offset directions can be applied to Point feature measurements.

Planar offset values can be applied to Plane feature measurements.

Combined radial and planar offset values can be applied to Circle feature measurements.
Feedback?

For questions or suggestions please write to:

- Technical Support support.ims@hexagonmetrology.com
- Product Feedback gerald.koeck@hexagonmetrology.com
Thank you!

www.hexagonmetrology.com