Motionics' Crankshaft Deflection Test software for Windows, along with our wireless crankshaft deflection test kit, allows you to record crankshaft deflection data easily and error-free using your iPad or Windows device.
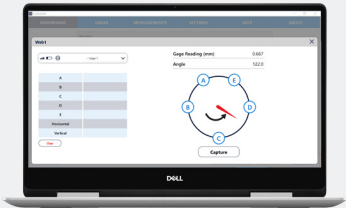
WIRELESS DATA RECORDING

When used with Motionics' wireless crankshaft gage/s, this software allows the user to view and record angle and deflection measurements for crankshaft web gaps remotely, in real time, on your Windows PC.

SIMULTANEOUS TESTING WITH MULTIPLE WEBS

With this software, your PC can connect to and display/record data from multiple gages simultaneously. This allows you to conduct a crankshaft deflection test with simultaneous data recording from multiple webs.
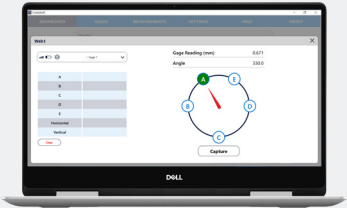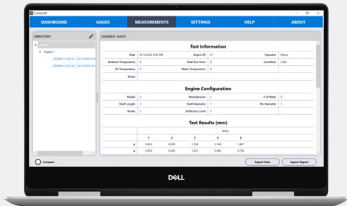
ROTATING ANGLE INDICATOR

Motionics' wireless crankshaft gage has a built-in angle sensor, and the software displays this angle as a rotating needle on the dashboard so you can visualize the crankshaft's rotation in the software.

AUTOMATIC TEST POINT NOTIFICATION

When the gage reaches a test point, the point changes color to indicate when measurements should be captured in manual test mode. The user can also select auto test mode to let the software automatically capture readings at test locations.

The software & hardware can be customized.
Contact Motionics for details.
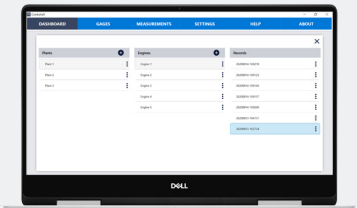
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MEASUREMENT RESULT TABLE

Both during and after the test, you can view the data collected in an organized chart.

AUTOMATIC VERTICAL/HORIZONTAL DEFLECTION CALCULATION

Vertical and horizontal deflection values are calculated and displayed automatically in real time as deflection readings are taken at set test points.
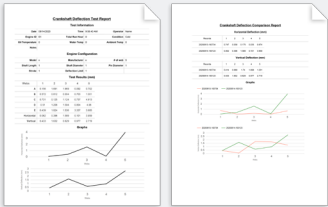
LOCAL RECORD MANAGER

Test records are stored locally in the software in a Plant>Engine>Record structure. The user can access test records at any time under the Measurements tab to review test results, export test data in a CSV file or generate a test report.

COMPARISON OF DEFLECTION TESTS

You can select multiple records to compare crankshaft deflection changes over time in chart and graph forms.

Scan to download

Crankshaft Deflection for Windows
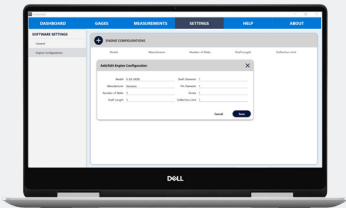Wireless Measurement

TEST REPORT GENERATION

After conducting your test, you can export a test report, either for a single test or comparing multiple tests.

ENGINE CONFIGURATION SAVING

You can save engine configurations, such as model, manufacturer, number of webs, and length, in a local library for reuse in future tests.

Scan the QR code below for more information, or visit us at
motionics.com/product/crankshaft-deflection-windows/

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