

CrankSense: Wireless Crankshaft Deflection Kit

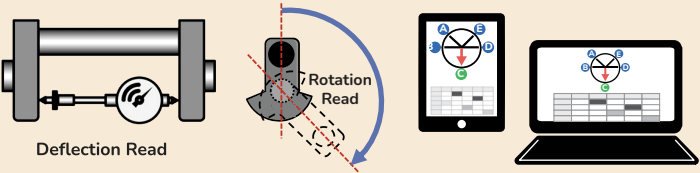


CrankSense Wireless Crankshaft Deflection Test Kit uses an LVDT-based Bluetooth crankshaft gauge to improve accuracy and efficiency of crankshaft web deflection tests. With seamless integration of hardware and software, CrankSense enables users to record deflection data easily and safely.

Thanks to CrankSense's built-in angle measurement, there is no need to mark test points on the crankshaft web manually. Both the iPad app and Windows software will notify users once the crankshaft rotates to test locations. A PDF test report can be generated and saved at the end of each test for further analysis.

CrankSense WIRELESS CRANKSHAFT DEFLECTION TEST KIT

CrankSense Wireless Gauge	Specification
Resolution	0.0001" (0.003mm)
Measurement Range	0.4" (10mm)
Connectivity	Bluetooth 4.0
Accuracy	±0.00012" (0.003mm)
Wireless Data Transmission Rate	10Hz
Crankshaft Web Gap Range	5.71-28.35" (145-720mm) <small>Shorter range: 3.94" (100mm) is available (optional).</small>
Working Temperature	32-122°F (0-50°C)
Battery	400mAh Rechargeable / 30hrs
Charging	5VDC USB
Feature	Built-in Rotating Angle Measurement with 1° Resolution



Included in the Package:

- Wireless CrankSense Gauge
- BLE USB Dongle
- Extension Rod Set
- Protective CrankSense Case
- 60° punch
- USB Power Adapter
- USB Charging Cable
- CrankSense Coin Battery
- Product Documents

App Features:

- Wireless Data Recording
- Automatic Test Point Notifications
- Test Report Generation
- Email Generated Reports
- Tilt Angle Indicator
- Automatic Deflection Calculations
- Tester Signature
- Wireless Print Reports
- Table Organized Results
- End Play Test Included
- Local Report Storage Manager
- Edit Engine Configuration Settings



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

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