

# Wireless Crankshaft Deflection Kit



The Wireless Crankshaft Deflection Test Kit utilizes a Bluetooth crankshaft gage for crankshaft web deflection tests. Users can now have deflection data recorded easily and error-free using their iPad or Windows device.

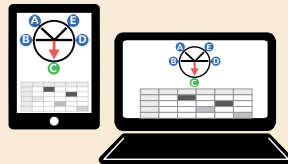
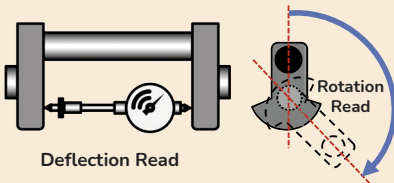
Thanks to the built-in angle measurement, there is no need to mark test points on the crankshaft web again. The Crankshaft Test app will notify users once the crankshaft rotates to test locations. A PDF test report can be generated and stored at the end of each test. This system covers various crankshaft web gaps ranging from 160 to 720 mm with an included extension rod set.



Crankshaft Deflection	Specification
Measurement Range	0.4 in/10 mm
Resolution	0.0001 in/0.001 mm
Accuracy	0.00012 in
Wireless Data Rate	10 Hz
Transmission Range	20 m (indoors)/ 30 m (outdoors)
Crankshaft Web Gap Range	160-720 mm 145-720mm optional
Working Temperature	0-50°C

Crankshaft Deflection	Specification
Connection	Bluetooth Low Energy
Angle Measurement Resolution	1°
Rechargeable Battery	400 mAh
Battery Life	50 hrs
Charging	5 VDC USB

- Bluetooth Low Energy
- Rechargeable
- All-in-one gage
- Both deflection and rotational measurement
- Multi-platform software capability
- Data saving

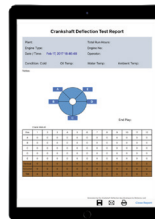
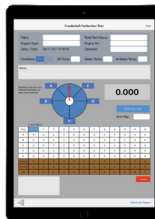
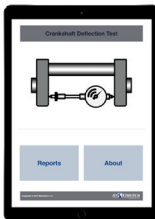


### Included in the Package:

- Wireless Crankshaft Gage 1X
- Adjustable Probe 1X
- Extension Rod Set (1/2" to 6" one each) 1X
- 60° Punch 1X
- Protective Carrying Case 1X
- USB Charging Cable 1X
- USB Power Adapter 1X
- Crankshaft Deflection Test app for iPad & Windows

### App Features:

- Wireless data recording
- Rotating angle indicator
- Measurement results organized in table
- Automatic test point notification
- Automatic vertical/horizontal deflection calculation
- End play test included
- Test report generation
- Tester signature
- Local report storage manager
- Email report and wireless printing



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The software & hardware can be customized.  
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