

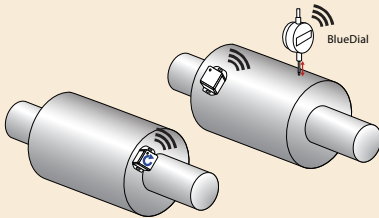
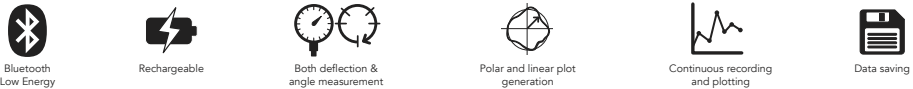
Wireless Rotor Runout Kit

Wireless Rotor Runout Kit is a novel tool for rotor runout measurement. It consists of a Bluetooth dial indicator (BlueDial), a Bluetooth angle sensor (BlueAngle) and the iPad application Runout. Together, these sensors work to seamlessly measure both circumference deflection and rotor rotating angle to show the real contour of the rotor. The multiple-sensor connectivity of the app also allows users to add extra BlueDials to conduct runout tests on different planes simultaneously.



BlueDialBD10-783/793	Specification
Measurement Range	0.5 in/12.7 mm
Resolution	0.0005 in, 0.01 mm/0.0001 in, 0.001 mm
Accuracy	0.0008 in/0.00012 in
Wireless Data Rate	10 Hz
Transmission Range	20 m (indoors)/30 m (outdoors)
Working Temperature	0 - 50 °C
Rechargeable Battery	400 mAh
Battery Life	60 hrs

BlueAngle	Specification
Measurement Range	360 °
Resolution	0.1 °
Wireless Data Rate	50 Hz
Transmission Range	Up to 20 m
Dimensions	1.58 x 1.58 x 0.79 in
Working Temperature	0-50 °C
Rechargeable Battery	150 mAh
Battery Life	10 hrs



Included in the Kit:

- BlueDial(s)
- BlueAngle 1X
- Rotor Runout iPad app



App Features:

- Wireless connectivity with deflection (dial indicator) sensor and angle sensor
- Multiple sensor connectivity (up to 9 simultaneously)
- Probe meter for deflection readings
- User-defined range for probe meter
- Analog rotating indicator for rotor angular position
- Remote zeroing of deflection and angle sensors
- User-defined number of test points on rotor circumference
- Cartesian plot and polar plot
- Direct screenshot of the results and plots to save in local
- Values and positions of Max/Min summarized in result table
- Measurement export via AirDrop or email in CSV format
- PDF report with test information, machine image, test results, notes, tester signature and map
- Local test records manager to retrieve previous data and reports

