

Wireless Rotor Runout Kit



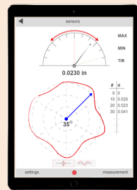
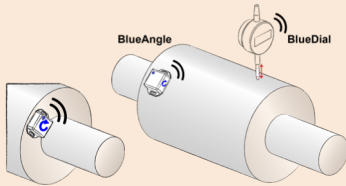
Wireless Rotor Runout Kit is a novel tool for rotor runout measurement. It consists of a Bluetooth dial indicator (BlueDial), a Bluetooth angle sensor (BlueAngle) and the iPad application Runout. Together these sensors work to seamlessly measure both circumference deflection and rotor rotating angle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



iPad not included in the package

BlueDial BD10-783/793	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
Battery	400 mAh
Battery Life	60 hrs
Charging	5 VDC USB

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
Battery	150 mAh
Battery Life	10 hrs



Included in the Kit:

- BlueDial 1X
- BlueAngle 1X
- Rotor Runout iPad App



Apps Features:

- Wireless connectivity with displacement (dial indicator) sensor and angle sensor
- Multiple sensors connectivity (up to 9 simultaneously)
- Probe meter for displacement readings
- User-defined range for probe meter
- Analog rotating indicator for rotor angular position
- Remote zeroing of displacement 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
- Exporting measurement via AirDrop or Email in CSV format
- PDF report with test information, machine image, test results, note, tester signature and map
- Local test records manager to retrieve previous data and reports

