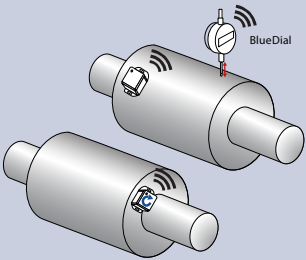


BlueAngle is a gyroscope-based Bluetooth angle sensor that can be easily attached to a rotor with its magnetic base. While rotating with the rotor, BlueAngle continuously measures the rotating angle between 0° and 360° and wirelessly transmits readings to iPad. The gyroscope-based characteristics of BlueAngle allows angle measurement in both vertical and horizontal axes by attaching the sensor to any part of the rotating object.

BlueAngle works as a part of the wireless rotor runout kit. When syncing deflection measurements from BlueDial and angle readings from BlueAngle, the real contour profile of a rotor can be obtained and depicted on iPad effortlessly.



Bluetooth Low Energy	Rechargeable	Full 360° 2-axis measurement	Multi-gage capability	Continuous recording and plotting	Data saving



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
Charging	5 VDC USB

Runout App Features:

NOTE: BlueAngle is a part of the Motionics Rotor Runout Kit.

- Simultaneous wireless connectivity of deflection sensor and angle sensor
- Multiple deflection sensor connectivity (test up to 9 simultaneously)
- Probe meter for deflection readings with adjustable range
- 2 probe meter styles for high and low resolutions
- Analog rotating dial indicator on screen
- 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 locally
- Values and positions of Max/Min summarized in result table
- Exporting measurement via AirDrop, email or Cloud drives 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



Availability of features varies between apps/platforms.