BalancePro
Machine Shop Balancing App

Description:

BalancePro is designed to perform measurements of vibrations and calculations in horizontal balancing machines and in the field. The app measures the running speed (1X) filtered vibration amplitude and relative phase with a reference mark in the rotor to allow full balancing.

Features:

- Vibration Spectrum (300 - 600,000 RPM)
- RPM measurement
- Automatically detects the amplitude and phase of the running speed peak (1X filtered vibration)
- Plot the amplitude and phase in a vector plot
- Single or two-plane option
- Perform tests for residual imbalance
- Set the Imbalance tolerance based on ISO-1940 Standard
- Generate and email the final balancing report
- Vibration amplitude in ips, mm/s or mils
- Easy calibration
- Shaft rotation selector

Custom built BalancePro horizontal balancing machines available for purchase.

Retrofitting service also available. Price varies based on work and parts needed to integrate iPad.