



BalancePro Force

Hard Bearing App



Description:

BalancePro Force for hard bearing balancing is an app for balancing rotating machinery in single-plane & two-planes using the vibration amplitude and phase. The iPad app connects to both an accelerometer and tachometer to collect the vibration amplitude and phase. The app calculates the correction balancing

Balancing Options:

- Two plane overhung configuration
- Two plane inboard configuration
- Two plane outside configuration
- One plane inboard configuration
- One plane overhung configuration
- Correction weight polar plot
- Split correction weight for the closest two angular locations
- Residual imbalance calculations

Features:

- Manual data entry and direct data acquisition
- Real-time spectrum popover
- Real-time polar plot and auto amplitude adjust for all vectors
- Threshold auto area display in polar plot
- Remove material (drill) popover
- Data and settings are stored instantaneously
- Clockwise and counter-clockwise shaft rotation selector
- Metric and imperial units
- Vibration amplitude in ips, mm/s and mils
- Report with company logo, asset photo (with markup ability), map, machine ID, company name, technician name, notes, spectrum, original and final balance data
- Full FFT spectrum up to 1,200,000 CPM (20,000 Hz) and resolution up to 0.33 Hz
- Vibration Spectrum (300 - 600,000 RPM)

