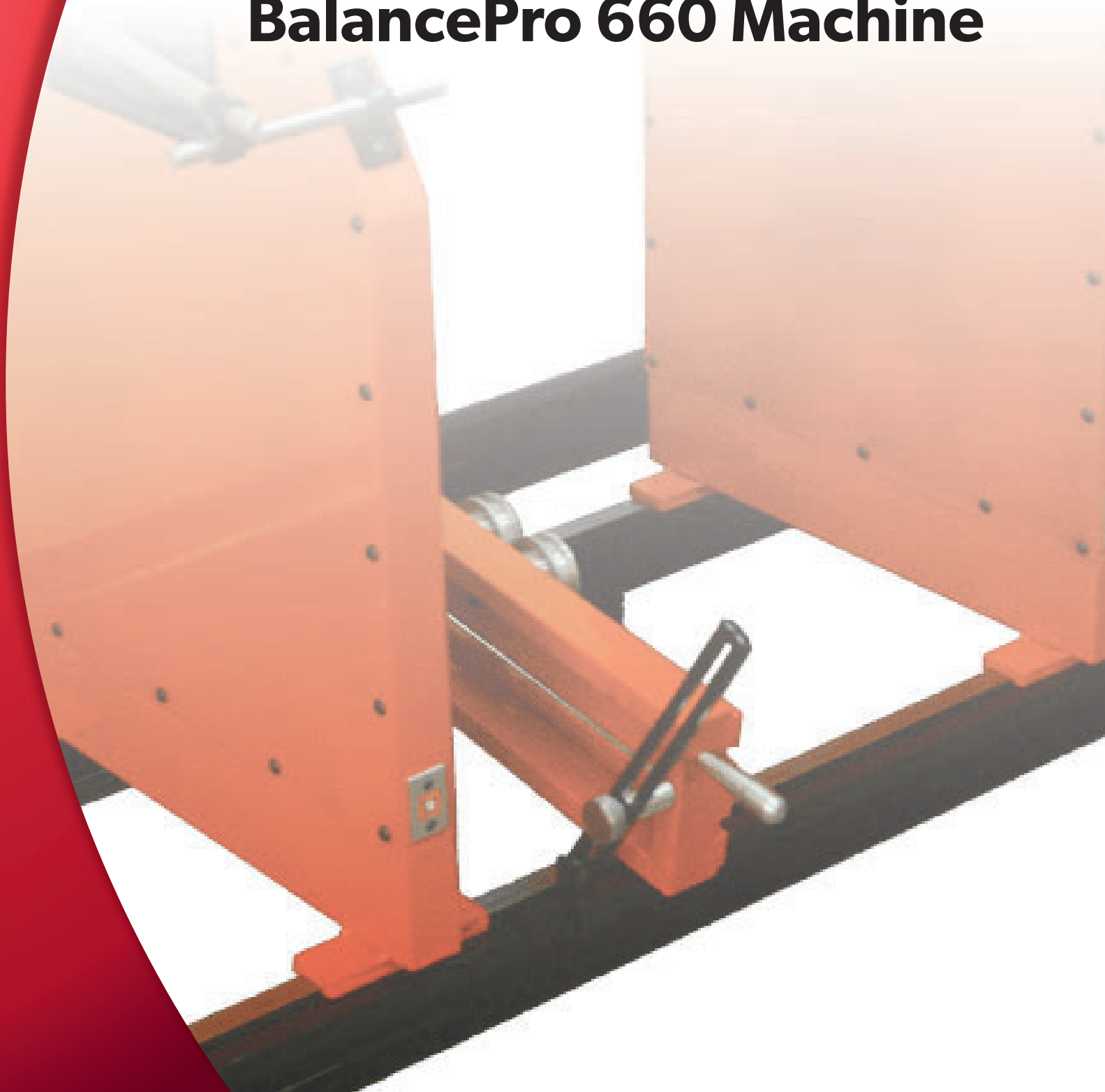




Predictive
Technology

BalancePro 660 Machine



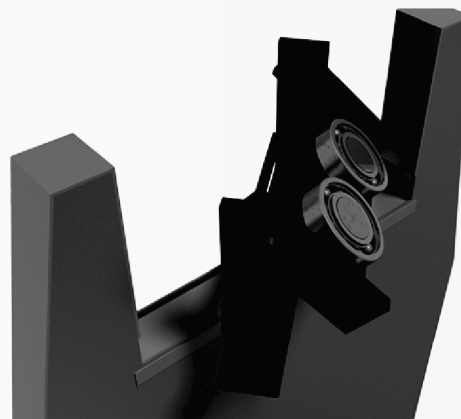


OVERVIEW

The BalancePro 660 machine is ideal for almost all kinds of rotating parts whose mass is between 11 and 660 pounds. This includes rollers, motor rotors, mills and more. The BalancePro 660 machine uses a soft bearing system built using light and resistant materials in order to decrease the inertia.

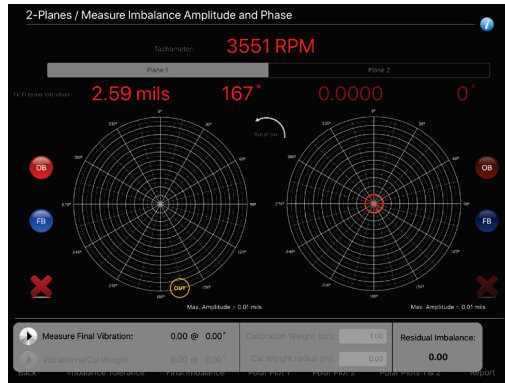
FEATURES

- Vibration Spectrum (600 - 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
- Set the Imbalance Tolerance Based On ISO-1940 Standard
- Vibration Amplitude in IPS, mm/S Or mils
- Easy Calibration with a 1GHz Shaker
- Shaft Rotation Selector
- Setup Diagram for Easy Balance Setup



TECHNICAL SPECS

Max Load:	300kg (660 lbs.)
Dimensions:	2000x 1390 x 990 mm
Weight:	200kg (440 lb)
Max Rotor Diameter:	1600 mm (63in)
Maximum weight per support:	150kg (330 lb)
Maximum Radial Displacement	12mm (0.5")
Max Shaft Diameter:	101 mm (4")
Min distance between supports:	100mm (4")
Max distance between supports	1778 mm (70")
Speed Shifter:	Included, 2.28 kW AC (3 hp)
Transmission:	V Band Type A
Lubrcation:	Type I (manual)
Accuracy:	± 0.01 mm/s
Accelerometer Sensitivity:	100mV/g
ISO 2953 Unbalance Reduction Per Sequence:	97%
Residual Unbalance:	1 gmm / 100kg rotor
Motor:	2.28 kW AC (3 hp); 220/440 V, 3 Phases, 4 Poles

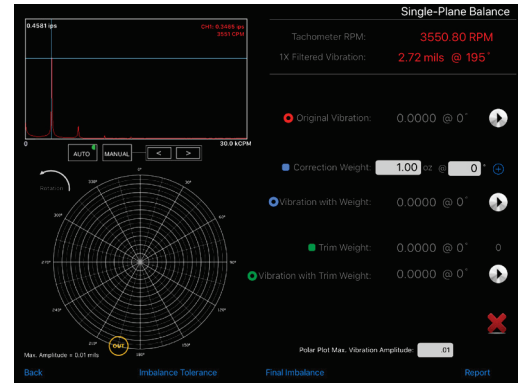


FOUR MODES

- 1-Plane Measurements
- 2-Plane Measurements
- Imbalance Correction
- Residual Imbalance

FEATURES

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BALANCING REPORT

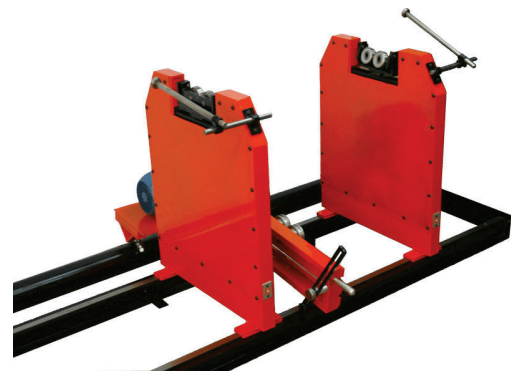
- Report Is Generated on the iPad For Quick sharing via email.
- Report includes: Date/Time, Rotor ID, Rotor Weight, Balancing Speed, Imbalance Tolerance, Final Residual Imbalance, User Notes, Original Vibration Amplitude, Final Vibration Amplitude and the Polar Plot

POLAR PLOT INCLUDES

- Red Original Vibration Marker
- Blue Vibration with Weight Marker
- Green Vibration with Trim Weight Marker

Additional information is available on www.gtipredictive.com

GTI-100 Roller working supports have bearing in a pendulum and cantilever configuration to void damages to the shaft and increasing the sensitivity of the whole system.



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WWW.GTIPREDICTIVE.COM

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