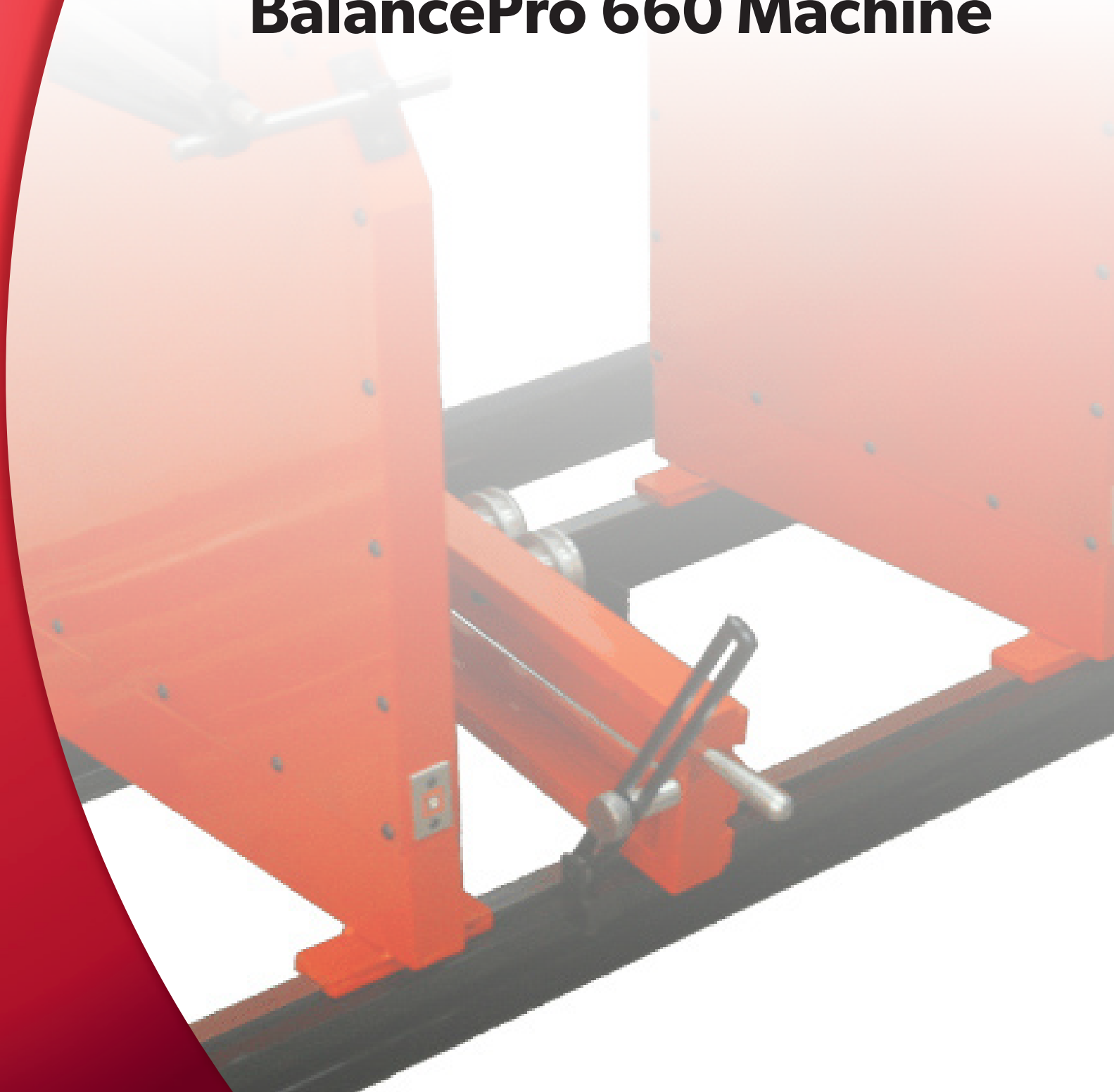




**Predictive**  
Technology

# BalancePro 660 Machine



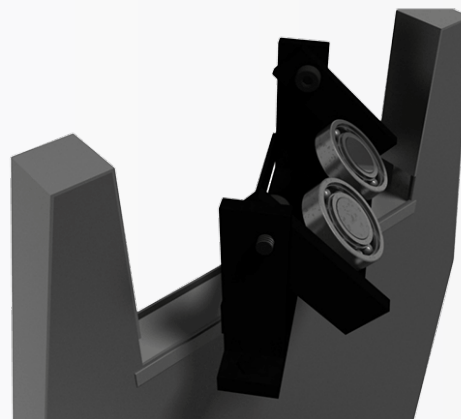


## OVERVIEW

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.

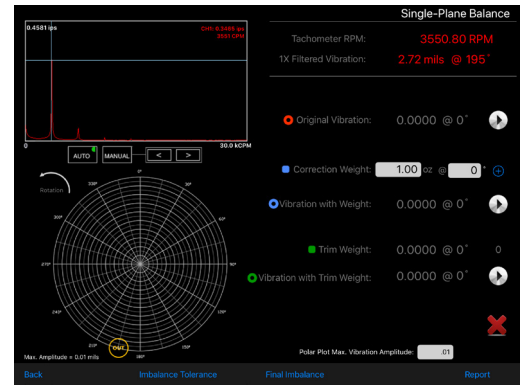
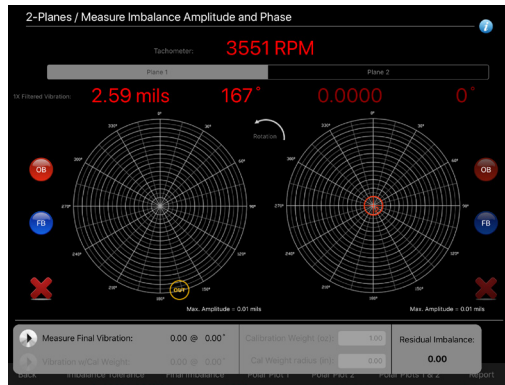
## FEATURES

- 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:	1981 x 762 x 1219 mm (78 x 30 x 48 in)
Weight:	200kg (440 lb)
Max Diameter:	1400 mm (55in)
Max Load Per Support:	500kg (1100 lb)
Maximum Displacement 0 To Peak:	0.5"
Max Shaft Diameter:	76 mm (3")
Min Length:	76 mm (3")
Max Length:	1778 mm (70")
Motor Speed:	1800 RPM / 60 Hz (inverter optional)
Power Transmission:	Belt
Lubrication:	Type I (manual)
Accuracy:	± 0.01 mm/s
Sensitivity	100mV/G
ISO 2953 Unbalance Reduction Per Sequence:	97%
Residual Unbalance:	1 gmm / 100kg rotor
Motor:	2.28 Kw AC (3 hp)
Electrical Features:	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](http://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](http://WWW.GTIPREDICTIVE.COM)

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