

BalancePro 100

High Precision Horizontal Balancing Machine

Description:

Ideal for high speed turbochargers as well as for other low weight rotors. The low inertia soft bearing suspension reduces the resistance to the vibration and increases the sensitivity and accuracy of the balancing process.

Features:

- Balance in 1 and 2 planes with full reporting
- Variable speed with inverter
- Easy to use and easy to adjust
- Adjustable pulleys
- Manual adjustment of the transmission system
- Soft bearings suspension to minimize mechanical looseness
- Balancing speed range 60 - 15,000 RPM
- iPad system isolated to prevent corrosion and use as stand alone vibration analyzer if needed

Soft Bearing Suspension:

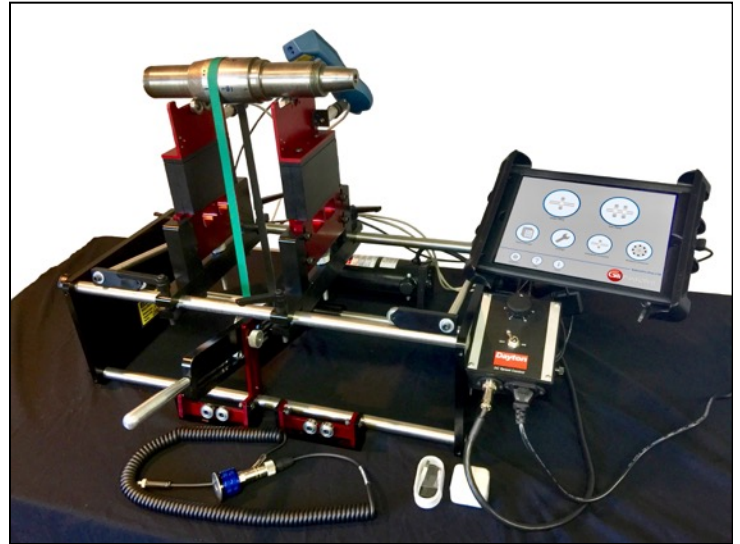
The Soft Bearing Suspension System (SBS) is designed to allow free radial displacement. SBS minimizes friction and mechanical losses among its aluminum components.



BalancePro - Shop Balancing Assistant Application:

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

See full BalancePro application data sheet for additional information.



Includes:

- BalancePro 100 Machine with BalancePro Application for iPad
- 16GB LTE iPad Air 2 with Industrial Case
- RAM mount bracket for iPad
- 3 port, 2-channel DAQ box with A/B switch and mount
- 2 Installed Accelerometers and 1 Handheld Accelerometer with coiled cable and magnetic base
- Tachometer with Magnetic Mount/Tachometer Adapter for iPad
- DAQ Backplate Mount for Handheld Analyzer Mode

