

Balancing U.S.A.

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Specifications version 1.1: EasyBalance – Field Portable Field Balancing Instrumentation System www.BalancingUSA.com



The EasyBalance – Field Version is a portable field balancing instrumentation system which brings modern technology to the field of in-place (in-situ) balancing. The balancing instrumentation is state of the art with proven technology from our Balancing Machine version which has been retrofitted on over 1300 balancing machines. The included tablet provides a touch screen interface for inputting data. The professional reports on the work performed can be stored and printed at a later, more convenient time. The instrumentation is made and serviced in the USA and covered by a 10 year Warranty.

- **Measuring Speed Range:** 100 to 10,000 RPM
- **Vibration Channels:** 2
- **Amplitude Range:** English: 0-50 Mills p-p
Metric 1250 um p-p
Velocity Amplitudes also included
- **Filter:** Advanced wattmetric tracking filter technology. Over 120 dB signal range
- **Display:** Touch screen Tablet
6 ¾ inch x 10 inch color screen
- **Digital Angle Readout:** Smarteye Photocell with 6' integral cable. 12 foot extension and reference tape included
- **Balance Features:** Single-plane, two-plane and static/couple balancing, trial weight calibration, English or Metric selectable, Automatic splitting/combining of correction weights
- **Rotor Storage:** Unlimited
- **Amount and Angle Display:** Digital or Polar display.
- **Inputs:** Amplitude: Accelerometers (2)' 100 mV/g (Nominal)
- **Reference:** Phase Reference Photocell (Smarteye)
- **Power AC line:** 100-130 volts. 200-260 volts. 50/60 hertz Available (specify when ordering)
- **Computer Interface:** USB port
- **Size:** Carrying Case dimensions: 14 inches X 14 inches X 14 inches
- **Weight:** 18 pounds including carrying case
- **Environmental:** AC Operation: 32 degrees to 122 degrees F (0 to 50 degrees C)
- **Warranty:** 10 years EasyBalance portion, Updates on Software free
- **Complete Instrumentation Package consisting of:**
 - EasyBalance- Field Windows compatible Software Package
 - BalanceMaster Electronics package for interfacing transducers and reference pickup
 - Microsoft Surface Pro 3 Tablet
 - Smarteye Photocell with integral cable and magnet base holder
 - CTC Accelerometers (2)
 - Transducer cables (2): 15' and 25'
 - Transducer magnets (2)
 - Reflective tape for Smarteye
 - Carrying case

