

Balancing USA

Dynamic balancing is our only business

New & Used Balancing Machines - Used Vibration Analyzers - Balancing Calculator - On-Site Training

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 1600 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
12.3-inch color screen
- **Digital Angle Readout:** Smarteye photocell with 6' integral cable, magnet base holder, 12-foot extension and reference tape
- **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:** Smarteye phase reference photocell
- **Power AC line:** 100-130 volts or 200-260 volts. 50/60 hertz (specify when ordering)
- **Computer Interface:** Full-size USB 3.0 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, Free updates on software
- **Complete Instrumentation Package consisting of:**
 - EasyBalance- Field Windows compatible software package
 - BalanceMaster electronics package for interfacing transducers and reference pickup
 - Microsoft Surface Pro tablet & pen
 - 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

For multi-rotor installations, bring this catalog to desired monitor...



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Dynamic Balancing Software
EasyBalance-FIELD
designed for INPRECARS

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EasyBalance-FIELD

For Customer Service call
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