

Model 258 Series II

SERVICE, MAINTENANCE, & INSPECTION APPLICATIONS

The Model 258 Series II is a versatile, hand-held instrument designed to be one tool with a range of maintenance, inspection, service, and diagnostic applications. It is a simple, easy-to-use instrument with an intuitive user interface that makes it ideal for both experts and non-experts alike. This adaptable instrument contains individual modules for FFT Vibration Analysis and Balancing applications, as well as additional add-on modules. This flexibility allows users to perform multiple tasks with a single tool.



Maintenance Simplified



SINGLE TOOL, MULTIPLE APPLICATIONS

The modular design of the 258 Series II offers customers the option to upgrade and expand functionality without having to buy another instrument. Accessories are also inter-changeable between models.



HIGH-LEVEL PERFORMANCE

Three channel simultaneous tri-axial input up to 40kHz with the separate tachometer input enables faster, more comprehensive data collection without adding to collection time.



DURABLE DESIGN & CONSTRUCTION

The 258 Series II maximizes its durability with its IP65 dust and water rating. Combined with its impact resistance, this tool is ideal for operations both in-house and on-site.



MAXIMIZE VERSATILITY

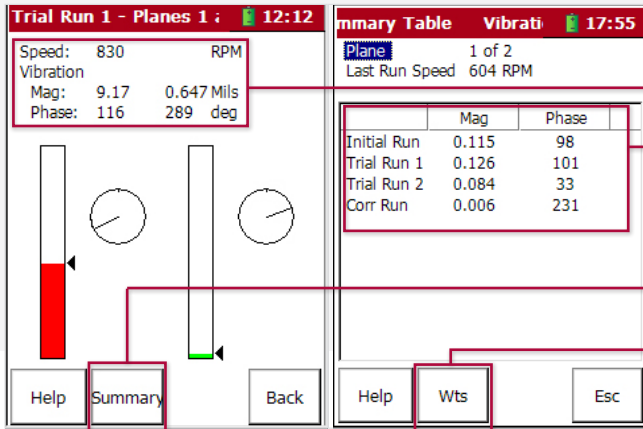
Developed for a wide array of industries, the sensitivity, portability, and expandability of the 258 Series II and its components make it adaptable for a large range of equipment types.

Standard Features



- 1 & 2 plane dynamic balancing
- 1, 2, & 3 channel vibration analysis
- Tri-axial measurement support
- ESP enveloping for detection of bearing failures
- Intuitive graphical user interface
- Store & review measurements for later comparisons
- Measurement export using USB
- On screen user assistance
- Right or left hand operation
- Large color display with backlight designed for use in direct sunlight
- Simple to use for non-vibration experts
- Modular design enables expandability

Multi-functional Tool

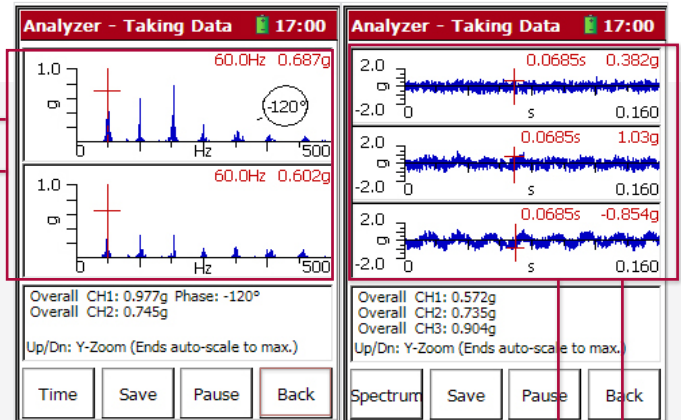


BALANCING MODULE

- Simultaneous readouts for left and right planes
- Detailed record of all runs for the current job
- Summary table for run history
- Easy switch between weight corrections and vibration magnitudes

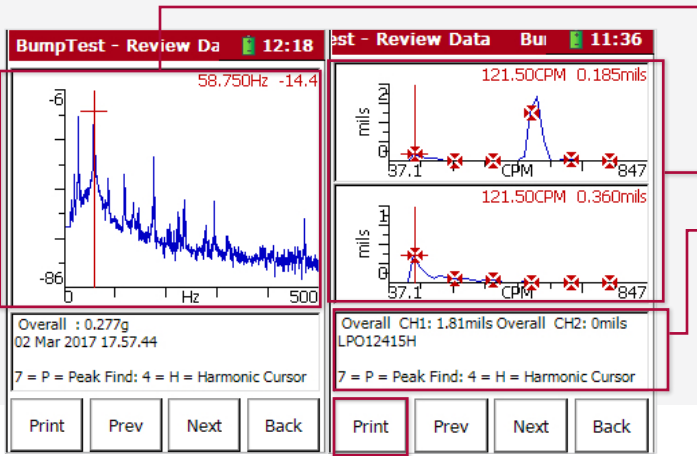
VIBRATION ANALYSIS MODULE

- FFT spectral analysis for isolating frequencies with phase relationship
- 0.02Hz - 40kHz frequency range and 100-25,600 lines of resolution
- Single, dual, tri-spectrum, and time displays
- Live display of frequency and time spectrums



OPTIONAL BUMP TEST MODULE

- Convenient peak find function of highest vibration frequencies
- Harmonic cursor for identifying harmonics of the selected frequency
- Overall vibration reading for each channel
- Printable and savable graphs and raw data



About IRD®

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For 75+ years IRD®, or Industrial Research & Development, LLC has specialized in highly technical machinery that assists in the repair of industrial equipment. Its two brands, IRD® Balancing and Lexseco™ introduced the first soft-bearing balancing and commercial core loss tester products to the marketplace. Both product lines have advanced with the purpose of providing top-of-the-line machinery across the globe. IRD believes that excellence in workmanship and a high level of productivity are the key components to building long-term relationships with our customers.

