

A portable instrument for analysis, maintenance and inspection applications.



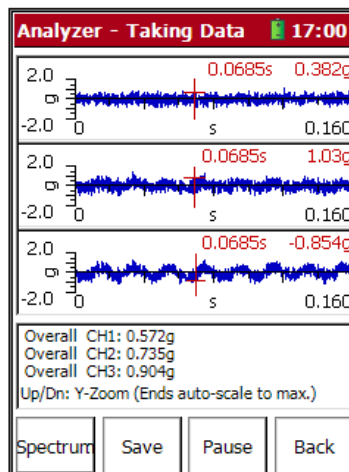
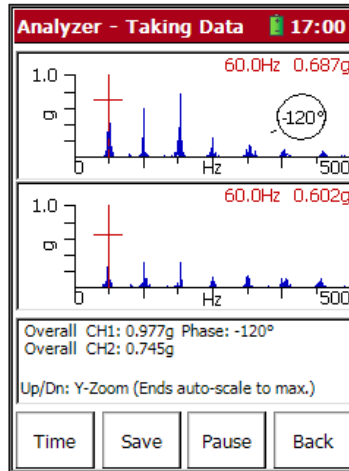
The Model 258V Series II is a flexible, hand-held instrument platform designed to be a single tool for a range of maintenance, inspection, service, and diagnostic applications. The functionality of the Model 258V can be expanded by adding optional Balancing, Bump Test, Compliance Check and other software modules.

The Model 258V SII is a simple, easy to use instrument with an intuitive user interface that displays FFT spectrum and phase information in an easy to understand format. This instrument makes it quick and simple for an operator to assess the motion between two positions by providing the phase angle between the vibration signals.

The Model 258B SII's high level of performance, intuitive software and ruggedness make it the ideal analysis tool and balancing instrument for operations where both on site and shop based analysis and maintenance will be performed.

Key Features

- Single, dual, or tri spectrum display with phase vector provides a simplified, yet full interpretation of vibration data
- 0.16 Hz to 40 kHz, 100 – 25,600 lines of resolution and CPM unit display option
- 1 & 2 channel vibration analysis
 - Optional 3rd channel with splitter cable
- 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
- Rugged design & construction
- Large color display with backlight designed for use in direct sunlight
- Simple to use for non-vibration experts



258B SII

- Modular design enables expandability



Additional Features

- Vibration Input Type: ICP, AC, DC
- Amplitude readout: 0.01 to 1,000 mV/EU auto-ranging
- Detection: Peak, RMS, Peak to Peak
- Filter: Dual, narrow band digital tracking filters with averaging
- Vibration Readout: micrometers, mils, millimeters/second, g's, ESP
- Handheld configuration:
 - 190 x 134 x 50 mm (Length x Width x Height)
 - Weight: 0.72 kg (1.6 lb) (no accessories)
 - Power: Rechargeable Lithium Ion Battery
 - Battery Usage: up to 8 hours on full charge
 - Sealing: IP 65 (Dust and Water Proof)
 - Drop Test: 2 meters (6.5 feet)
 - Temperature: Operating -10 to +50°C
- Automatic Vector Splitting of unbalance corrections
- Processor: 806 MHz Marvell PXA320
- Operating System: Windows CE
- Battery: Li-Ion smart battery pack (battery is recharged via main power adapter)
- Communication Active Sync via USB
- Internal Storage: 128 Mb
- PC Memory Storage Cards: SDHC up to 8 Gb
- Display ¼ VGA Color TFT screen
- On board language support: English, Spanish (Español), French (Français), German (Deutsch), Chinese (simplified), Italian (Italiano), Portuguese (Brasil)

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Accessories for the Model 258B

Part Number	Description
E48901	Bump Test software module
E49025	Balancing Software module
E49715-1	Run Up – Coast Down module
E48974-1	Conformance Check module
E48930-3	Polymate V1.5 software analysis program. Allows users to download data from the Model 258V and perform spectral analysis
E45058	Spare battery for 258 SII instrument
E39581	Strobe light kit, 120VAC-240V
E49307	External battery charger
E41626	AC power cable for battery charger, Australian plug
E41952	AC power cable for battery charger, S. Africa/India plug
E48800/S/006	BNC to 6 pin vibration input cable for use with patch panel outputs, 1.8m (6 ft) long
E49771	2-way channel splitter cable to enable 3 channel analysis
E48946	USB/Power splitter cable
E48603	Power/Tacho splitter cable
E48947	Trigger cable (Fischer 103 type 7pin, 1m/3.3', trigger IP to BNC)

258V Vibration Analyzer Kit Options

E00353-1.2	E00353-2.2	Description
Qty	Qty	
1	1	258V Vibration Analyzer
1	2	Accelerometer, 9000A General Purpose
1	2	Accelerometer Cable
1	2	Accelerometer Mounting Magnet
1	1	Polymate Demonstration Software
1	1	Operation Manual
1	1	Power Cable, UK
1	1	Power Cable, North America
1	1	Power Cable, Europe

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