Downloadable Applications for the AMS 2140 Machinery Health Analyzer

AMS 2140 Machinery Health Analyzer Firmware

The AMS 2140 Machinery Health Analyzer was designed to grow with you and your program. Downloadable applications expand the functionality of your analyzer to allow for more sophisticated testing and analysis, or for corrective maintenance including alignment and balancing. For more information on these programs, contact your local Emerson representative.

Part Number	Application	Description
A2140S0	App Bundle with Route, Analyze and Cascade	This AMS 2140 firmware package contains the popular features for: ■ Route data collection ■ Analyze - including the Analysis Experts troubleshooting tests and off-route job measurements ■ Cascade analysis for machine start-up, coast-down and other speed changing occurrences
A2140S1	Route App	Collect predefined routes for determining machinery health including spectra, waveforms and trend data.

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Part Number	Application	Description
A2140S2	App Bundle: Analyze and Cascade	Collect advanced data using the analysis expert functions or manually configure collection parameters. Collect spectral snapshots with the Cascade app and display them in a cascade plot to capture and identify changing vibration patterns.
A2140S4	Advanced Transient Application	Acquire a continuous stream of time waveform data during transient machine operations. Spectra can then be generated from any part of the waveform to analyze transient events. The transient recording can be played back "live" in the Advanced Vibration Analysis software.
A2140S5	App Bundle: ODS-Modal with Analyze, Cascade and Advanced Cross Channel	Use the ODS/Modal application as a convenient user interface for acquiring ODS and Modal data. Data can be uploaded to the Advanced Vibration Analysis software module, and then exported to ME'scope software for analysis. Additional modules contained in this bundle are the Analyze, Cascade and Advanced Cross Channel applications.
A2140S6	App Bundle: Advanced Transient with ODS/Modal, Analyze, Cascade and Advanced Cross Channel	Use the transient application to capture continuous stream of time waveform data over an extended period or during changing machine operation. Spectra can then be generated from any part of the waveform to analyze transient events. Additional modules contained in this bundle are the ODS/Modal, Analyze, Cascade and Advanced Cross Channel applications.
A2140S7	Balancing Application	Balance machinery in the field or in the shop. The Balance application handles single-and multi-plane / multi-speed balancing tasks. It is designed to provide a new level of power and simplicity with an intuitive step-by-step user interface.
A2140S8	Basic Alignment Application	Perform wireless laser shaft alignment on horizontal machines.
A2140S9	Advanced Alignment Application	Perform wireless laser shaft alignment on horizontal and vertical machines, selecting from a variety of advanced measurement modes. Verify shaft straightness or check roll crowns.

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