



**Mechanical
Solutions, Inc.**
Test ■ Analyze ■ Solve ■ Design ■ Products



**VIBTECH
GENESIS**



VibVue Version 4.1

**Capture Vibrations at
Warp Speed - Motion Magnification Kit**

Struggling to detect high-frequency vibrations using costly high-speed cameras? VibVue® 4.1 changes everything. Powered by the exclusive Warp Speed high-frequency engine, VibVue® 4.1 Pro transforms standard cost-effective cameras into powerful diagnostic tools, capable of capturing ultra-high-frequency vibrations without sacrificing resolution.

This breakthrough eliminates frame-rate barriers, enabling sharper Motion Magnification videos and precise vibration analysis, right where you need it. Now, you can diagnose faster, see more, and spend less, without compromising performance.



VibVue® Lite Kit: Tools to Get Started

- VibVue® Camera (monochrome or color)
- VibVue® Lite + Analysis Lite software licenses
- 1 day hands-on training for 2 people at MSI HQ or half-day remote session
- 1 year of software updates, MSI's expert project review, and tech support included
- Four precision lenses (6mm, 12mm, 25mm, 50mm)
- High-performance laptop
- Flicker-free LED light + stand
- Camera tripod + quick connector
- Laptop tripod stand
- Laser distance meter
- Vibration-dampening tripod pads
- Accessories: high-speed cables, lens case, lens cloth, sun hood
- Durable Pelican™ travel case

VibVue® Pro Kit: Full Power, Full Capability

Includes all hardware in the Lite Kit, plus:

- Upgrade to VibVue® Pro + Analysis Pro licenses
- Warp Speed recording mode – uncap frequency detection
- Modal Analysis mode (trigger kit sold separately)
- Live Analysis mode – real-time diagnostics
- Automated report generation (.PPT, .XLSX, .PDF)
- Vibration standard chart overlays (ISO 10816, Energy Institute)
- Advanced time-domain filter settings (passband/stopband)
- Early access to new Pro-exclusive features

Diagnose Vibration & Dynamic Problems that Cost You Time and Money

Key Technical Advantages

- Detect vibrations >10,000 Hz (600,000 CPM) at full resolution with Warp Speed*
- Industry-best detection threshold at practical distances (0.1 mil displacement at 10 ft. field-of-view)
- 1920x1200 (2.3MP) resolution for wide-area machine coverage
- Motion Magnification > 1,000x
- High-speed video for standard and high-frequency cameras*
- Crisp, natural-looking Motion Magnification videos
- Built-in tools for video customization, export, reporting
- 1 year of software updates, MSI's expert project review, and tech support included

* VibVue® Pro only

* VibVue® Standard Camera: (156fps @ 1920x1200, 312fps @ 1920x600)

* VibVue® High-Frequency Camera: (1480fps @ 1920x1080, 3290fps @ 640x480)



Software Features	VibVue Pro	VibVue Lite	VibVue Analysis Pro	VibVue Analysis Lite
Motion Magnification Video	●	●	●	●
Streamlined User Interface	●	●	●	●
Auto-Analyze Tools	●	●	●	●
Frequency Filtering	●	●	●	●
Unlimited Analysis Regions	●	●	●	●
Measurement Tools (Freq, Disp, Vel, Accel)	●	●	●	●
Overall Vibration & Phase Angle	●	●	●	●
Motion Vector Arrow	●	●	●	●
Video Adjustment Sliders	●	●	●	●
Custom Annotations (Text, Shapes, Logos)	●	●	●	●
MP4 Export	●	●	●	●
Digital Camera Stabilization	●	●	●	●
Warp Speed Recording Mode	●			
Modal Analysis Mode	●			
Live Analysis Mode (real-time diagnostics & monitoring)	●			
Multi-Scene Project Support	●		●	
Automated Reporting (.PPT, .PDF, .XLS)	●		●	
Region Spectra & Waveform Charts	●	●	●	●
Vibration Standard Chart Overlays	●		●	
Advanced Time-Domain Processing	●		●	
Field Mode	●	●	●	●

Optional Add-Ons

- High-Intensity Light Kit (22,000 lumen, AC-powered LED) + stand
- USB dongle license key
- VibVue® Modal Trigger Kit (USB or Hardware)
- VibVue® Modal Impact Hammer

Maintenance & Support Plan

- 1-year support plan included with Pro or Lite Kit
- Access to all software updates and new features
- Direct support from MSI engineers
- Complimentary expert reviews of VibVue® video data



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