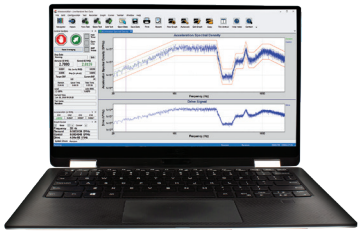

VibrationVIEW

2018 Matrix

FEATURES	Version 5	Version 6	Version 7	Version 8	Version 9	Version 10	Version 11	Version 2014	Version 2015	Version 2016	Version 2017	Version 2018
Random Notching on all channels	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Export to UFF	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Kurtosion®		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transient Capture Mode		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multiple Plot Overlay		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Math Traces & Calculator Functions		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Analyzer Functions		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Write to TEDS		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Drag-and-Drop to MS® Excel and Word		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
User profile mangement		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RPS import and export			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IEEE-344 package			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Waveform editor				✓	✓	✓	✓	✓	✓	✓	✓	✓
Dual Axis with Phase Control				✓	✓	✓	✓	✓	✓	✓	✓	✓
Chatter Monitoring				✓	✓	✓	✓	✓	✓	✓	✓	✓
Pretest startup mode					✓	✓	✓	✓	✓	✓	✓	✓

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VibrationVIEW

2018 Matrix

FEATURES	Version 5	Version 6	Version 7	Version 8	Version 9	Version 10	Version 11	Version 2014	Version 2015	Version 2016	Version 2017	Version 2018
TE to Te for SRS					✓	✓	✓	✓	✓	✓	✓	✓
Sample rates to 108kHz					✓	✓	✓	✓	✓	✓	✓	✓
Fatigue Damage Spectrum (FDS)						✓	✓	✓	✓	✓	✓	✓
Quick Test Mode						✓	✓	✓	✓	✓	✓	✓
Sample rates to 200kHz						✓	✓	✓	✓	✓	✓	✓
Redesigned, customizable user interface						✓	✓	✓	✓	✓	✓	✓
Additional languages (Chinese, German, Russian)						✓	✓	✓	✓	✓	✓	✓
Additional languages (Japanese, Italian)							✓	✓	✓	✓	✓	✓
Support 128 input channels							✓	✓	✓	✓	✓	✓
DC control							✓	✓	✓	✓	✓	✓
THD Sine calculators							✓	✓	✓	✓	✓	✓
Combine multiple waveforms in FDS								✓	✓	✓	✓	✓
Pulse markers in Transient Capture								✓	✓	✓	✓	✓
VibrationVIEW Navigator										✓	✓	✓
FDS batch prcessing										✓	✓	✓
FDS combine + envelope										✓	✓	✓
Remove support for legacy hardware (VR8500 and USB ObserVR)											✓	✓
Sweep up and Sweep down rates in Sine											✓	✓
Multi-Sine tones defined within a basic profile											✓	✓

VibrationVIEW

2018 Matrix

FEATURES	Version 5	Version 6	Version 7	Version 8	Version 9	Version 10	Version 11	Version 2014	Version 2015	Version 2016	Version 2017	Version 2018
Clipboard support for SoR profiles											✓	✓
Increase time history maximum plotted samples to 100,000											✓	✓
Amplitude ramp segments in Sine											✓	✓
Tolerance and abort lines on Sine time history plots											✓	✓
.vfw support with UDT and SRS											✓	✓
SRTD start dwell at detected phase											✓	✓
Dual Phase control enhancements											✓	✓
View each instance of saved data in dedicated windows												✓
Easily enable iDOF, compare results on vs. off												✓
SRTD: peak transmissibility control												✓
SoR/SoS: turn individual sine tones on/off based on schedule												✓
SoR/SoS: add Channel Response Traces (Sine Tone Profile Graph)												✓
SoR/SoS: control channels separate from Random												✓
Random: automatically convert channels defined as velocity to acceleration when graphed on the acceleration vs frequency graph (PSD)												✓
FDR: allow test to continue if limits are exceeded by clipping the voltage output												✓
Random: define Random Velocity Profile requirement in peak, rather than RMS (Test Profile)												✓
Sine: Previous Pass Trace allows saving last pass data to previous pass trace at the end of the sweep												✓
FDS: Linear frequency axis spacing (in addition to octave spacing)												✓

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