

EUT-LAB EUT Monitoring Lab Software

Product Overview

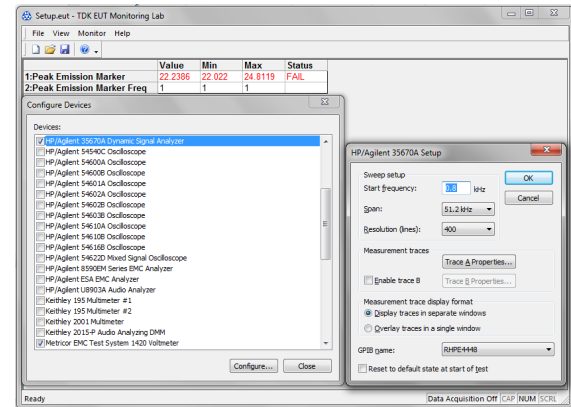
Versatility TDK EUT Monitoring Lab allows you to acquire data from an EUT via an instrument such as an oscilloscope, a receiver, a spectrum analyzer, a status monitor, a chassis dynamometer, an audio analyzer, or a dynamic signal analyzer. The software can determine the pass/fail status of the EUT by comparing the acquired data against user-defined pass/fail thresholds.

Performance TDK EUT Monitoring Lab can acquire and display many types of data from the EUT, such as:

- Frequency
- Duty Cycle
- DC Offset
- Peak-to-Peak Voltage
- Analog Voltage
- Digital Signal
- Speed
- Torque

Each of these data values may be compared against thresholds. Whenever a measured value is outside the range of acceptable values, a failure is reported.

Flexibility Data acquired by TDK EUT Monitoring Lab can easily be transferred to TDK Radiated Immunity Lab or TDK Conducted Immunity Lab. This information can be displayed in data tables and graphs along with other test data, giving you access to all test data in one place. This makes it easy to see what the EUT data values were at each test frequency.



TDK EUT Monitoring Lab performs data acquisition from instruments to determine pass/fail status of the equipment under test (EUT).

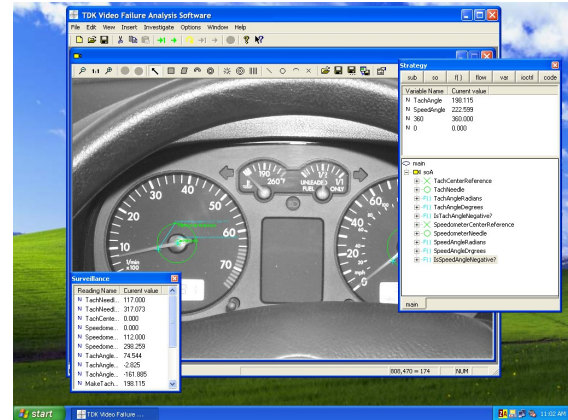
Minimum System Requirements

- Windows 10 (64-bit) or Windows 11
- 6th generation Intel Core i5 CPU (i5-6xxx) / AMD Ryzen 7 (or better)
- 4 GB RAM
- Built-in USB 3.0 port

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Features

- Output signals that can be synchronized with the dwell cycle
- User-definable data channel names
- Scale factors for transmission link attenuation compensation
- Minimum and maximum pass/fail thresholds
- Synchronizes data acquisition with automotive chassis dynamometer cycles
- Supports the widest selection of chassis dynamometers in the industry
- Supports automatic video capture with character recognition



Video capture analysis of the speedometer and the tachometer in a car mounted on a chassis dynamometer

Supported Device Types/Manufacturers

Audio Analyzers:	Agilent, R&S
Dynamic Signal Analyzers:	HP, Agilent
Function Generators:	HP, Agilent
Oscilloscopes:	HP, Agilent, Tektronix
Receivers/EMI Analyzers:	HP, Agilent, R&S
Spectrum Analyzers:	HP, Agilent, R&S
Base Station Simulators:	R&S, HP, Wavetek, Racal
Status Monitors:	TDK RF Solutions
Video Controllers:	TDK RF Solutions
Dyno/Power Trains:	AVL, inn-co, Maha, matoro

Additional devices may be supported. Contact sales for more information.

Ordering Information

Product:	TDK EUT Monitoring Lab
Model Number:	EUT-LAB

To place an order or to learn more about the TDK products that best meet your needs, contact your TDK sales representative:

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Rev. 2023-04-24