

AI NVH

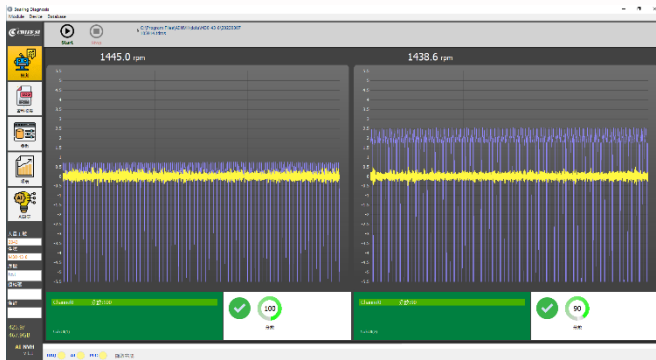
Vibration & noise detection with AI



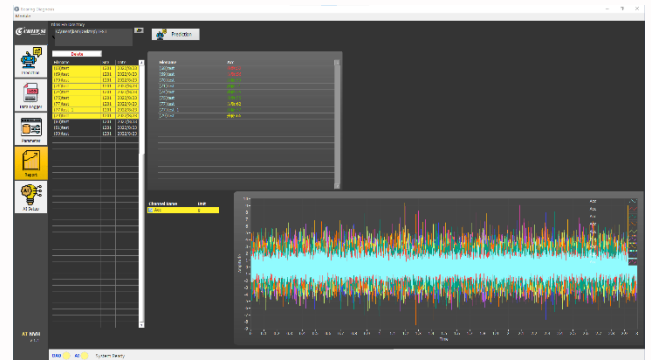
System feature

- Detects vibration and noise from motors, bearings, hand tools, fans, etc.
- AI computing replaces manual work for signal determination and analysis.
- Only a small sample is needed for AI learning, and it can be ready to use in 30 minutes.
- Optional items:
 1. Database management modules, barcode scanners
 2. PLC for automation
 3. Acoustic hood or vibration test jigs
 4. Automatic loading and unloading system





AI measurement and analysis



Database and raw data storage

Hardware Specifications

Host	2, 4 channels
	Simultaneous sampling of each channel
	Maximum Sampling Rate 102.4KS/s
	AC/DC coupling
	500G SSD
Sensor	IEPE accelerometer, microphone
Start/Stop switch	Manual or external triggering (dry contact)

Software Specifications

Analysis items	Time domain signal
	Frequency domain signal
AI Teaching method	Graded instruction
Judgment Result	Combined score
	OK/NG score threshold setting
Report	Test results database
	Database search
	Report output CSV format
	Raw data archive