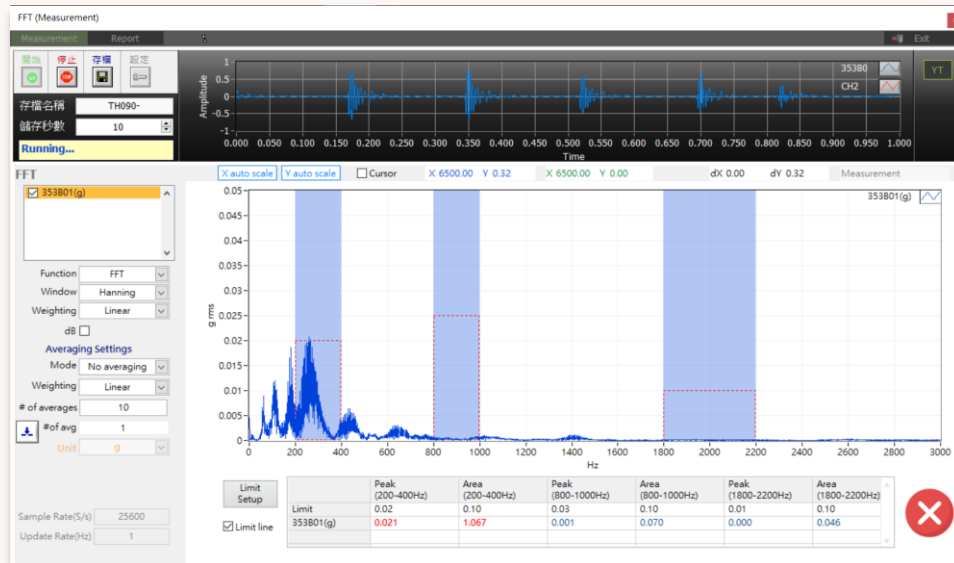


FLEXDSA

Spectrum analyzer designed for noise and vibration



System Features

- ✓ 4-channel synchronous measurement, 24-bit resolution.
- ✓ Bandwidth 25.6 kHz, powered by USB bus.
- ✓ Provides analysis functions as time domain YT, FFT, Floor, Bearing, Gear, Octave, etc.
- ✓ Equipped with various feature analyses, set the upper limit of control, and make OK/NG judgment.
- ✓ The labeled feature frequency bands are clear and easy to understand.
- ✓ One-click switch between frequency domain analysis and YT chart.
- ✓ One-click switch between measurement page and report.
- ✓ Reports can display multiple overlays, so you can see the good and bad status easily.
- ✓ Switch the order of the curves during overlaying for easier signal reading.
- ✓ Capable of integrating to obtain vibration velocity and displacement, with customizable filtering frequencies.
- ✓ Software filtering is available, and data can be replayed for analysis, including sound playback.
- ✓ Right-click on a graph to quickly export it to the clipboard for easy analysis and report production.
- ✓ Analysis modules can be purchased individually based on needs

Applications

- ✓ Vibration and noise measuring, logging and analyzing.
- ✓ Motor, floor vibration and gear noise inspection.
- ✓ Bond test of glass, acrylic sheet, motor, etc.

Product specifications

DSA	Channel	4
	Bandwidth	25.6 kHz
	Resolution	24-bit
	Input range	$\pm 10V$
	Simultaneous sampling	Yes
	Resolution	24-bit
	IEPE	2mA
	Input couple	AC or DC
	AC cutoff(-3dB)	0.5Hz
	Interface	USB2.0
	Power requirement	USB bus powered
Function	Software filtering can be applied during measurement, and the bandpass frequency can be set.	
	Reports can display multiple overlays for comparison.	
	The order of the overlay curves can be moved.	
	Reports can perform filtering and allow for replay analysis or sound playback.	
	One-click toggle between the YT page.	
YT	Calculation analysis	RMS/PEAK/C.F./Area Control limits can be set
	Upper limit judgment	OK/NG judgment Show or hide the limit line
	Unit display switch	Acceleration/Velocity/Displacement display Filter frequency can be set during integration
FFT	Spectrum analysis	FFT/Power spectrum/PSD
	Unit display switch	Acceleration/Velocity/Displacement
	Control limit	Customized Peak and Area in three bands Control limits can be set