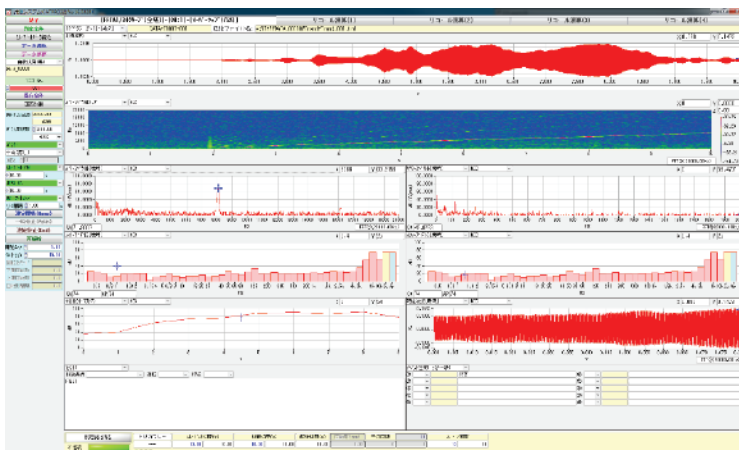


CAT System Pro: Sound and Vibration Measurement and Analysis



Analysis Screen



Camera Screen

Overview

CAT-System Pro is an integrated measurement system that combines data front end (A / D board) and software running on PC. While analyzing noise, vibration, etc., you can analyze FFT (low frequency, high frequency), 1 / N octave analysis, order ratio, etc. in real time and save time data (throughput) at the same time. Moreover, distortion, temperature, images, etc. can be recorded together.

In post analysis, data recorded on the throughput disk can be analyzed by changing the number of sampling points and windows.

Software by:

CATEC

Features

- Multi-threaded multi-job system
 - Simultaneous measurement of sound / vibration / distortion / temperature / rotation signal etc is also possible
- Measurement video recording
 - Playback of a video linked with a waveform is possible
- Comment, event information input function
- FFT analysis
 - Trigger, Window setting
 - Cross spectrum, transfer function, coherence, probability density, cumulative frequency
 - Y axis amplitude mode: RMS / 0 - P / P - P / (RMS) 2 display
- 1/1, 1/3, 1/12 octave analysis
- Spectral Map / Octave Map Display
- Order ratio analysis (option)
- Sound quality evaluation (option)

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