

The Lab

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Acoustics Today welcomes items for “The Lab.” Submissions of about 250 words that may be edited in MSWord or plain text files should be e-mailed to AcousticsToday@aip.org. Graphics must be at least 300 dpi, preferably in TIF format. Please send the text and graphics in separate files.

FFT AND SOUND LEVEL METER FOR YOUR SHIRT POCKET

Scantek, Inc. has announced the availability of a palmtop instrument called the RealWave Pocket Analyzer from SV Corporation.

Real-time FFT (0.5 Hz to 1 2.8 kHz)

Sound level meter Z, A, B, C weighting (two simultaneously) I, F, S responses (8 to 134 dB with 50 mV/Pa microphone)

Vibration meter, acceleration, velocity, displacement, 0.03 m/s² to 500 m/s² with 50 mV/g accelerometer

Amplitude traces

FFT based tachometer

Human vibration measurement (ISO 8041, ISO 6954)

Spectrogram

Waveform recording and playback of recorded signal

1/1, 1/3, 1/6 octave band analysis

The instrument, based on an HP iPAQ comes in a rugged aluminum case. Available with microphone, accelerometer, and headphones.

www.scantekinc.com



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