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Best of Sensors Expo Award Product Release:

DTS TSR Shock Recorder with 3 Internal Sensors Extremely Small Unit with Big Features

Seal Beach, CA (April 23, 2010) --- DTS, Inc.

introduces the TSR, a self-powered, dynamic shock recorder with three internal accelerometers.

Features such as its extremely small size, high sampling rate of up to 20,000 samples per second

per channel, and the ability to operate for up to 12 months on an internal battery make the TSR

the new stand-alone system of choice. Shock rated at 2000 g, the TSR is ideal for unattended

monitoring of acceleration for such applications as vibration, crash test, package testing, blast and multi-event impacts.



The TSR shock recorder features an internal triax accelerometer. The system is only 65 x 65 x 18 mm and fits in the palm of your hand.

The TSR is so easy to use it can be armed and ready to record in minutes. The recorder stays in ready mode, "wakes" for an event trigger, collects up to 1 GB of data to flash memory and then automatically re-arms and returns to ready mode. The TSR also logs temperature and a time stamp of each event.

Its compact size of only 65 x 65 x 18 mm allows it to be discretely attached or even embedded on or in the test subject—creating new opportunities in the dynamic testing arena.

Available in three models:

TSR: Non-DC response, 1 KHz – 20 Ksps, 1 to 4000 Hz

TSR PRO: DC response, 1 KHz – 10 Ksps, DC to 300 Hz

TSR PRO-HB: DC response, 1 KHz – 10 Ksps, DC to 1650 Hz

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