

SHOCK & VIBRATION RECORDERS FOR ALL YOUR TESTING NEEDS



April 2012

Standalone Data Recorders with Internal Sensors

From the leader in rugged, high speed data acquisition systems, DTS also offers a complete line of shock and vibration recorders with built-in sensors. Do you need to record for milliseconds or months? Capture acceleration, angular rates and pressure? Let a DTS sales engineer help determine the right system for your specific test requirements.

Visit www.dtsweb.com for complete product details and to find a DTS representative near you.

TSR PRO



Complete DAS system
Triax accelerometers
Sensor ranges: ± 50 or 250 g
DC to 300 Hz, 16-bit ADC
1K, 5K or 10K sps/channel
Shock: 500 g, 2000 g survivable

Typical Applications:
Transportation Logger
Vehicle Dynamics



[Product Datasheet & Video](#)

TSR PRO-HB



Complete DAS system
Triax accelerometers
Sensor ranges: ± 500 g
DC to 1650 Hz, 16-bit ADC
5K or 10K sps/channel
Shock: 500 g, 2000 g survivable

Typical Applications:
Crash Test
High Shock Logging



[Product Datasheet & Video](#)

TSR 6DXP



Complete DAS system
7 internal sensors
High bandwidth, 12-bit ADC
75K sps/channel
Shock: 10000 g survivable


Typical Applications:
Vehicle Blast
High Shock + Angular Rates



[Product Datasheet](#)

	TSR PRO	TSR PRO-HB	TSR 6DXP
Complete Standalone Recorder	√	√	√
Built-in Triax Accelerometers	√	√	√
Sensor Range Options	±50 or 250 g	±500 g	±1250 or 6000 g
Built-in Triax Angular Rate Sensors			√
Built-in Pressure Sensor			√
Adjustable Sampling Rates	√	√	
High Shock Rated	√	√	√
High Bandwidth		√	√
Real Time Clock + Temperature	√	√	√
Rechargeable Battery	√	√	√
Primary Battery Option	√	√	
1 GB Flash Memory	√	√	√
Records to 12 Months Unattended	√	√	√
Compact and Lightweight	√	√	√

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