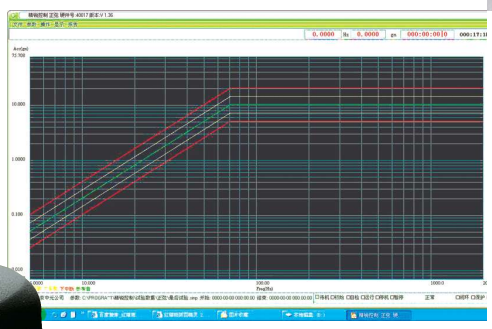
CEM



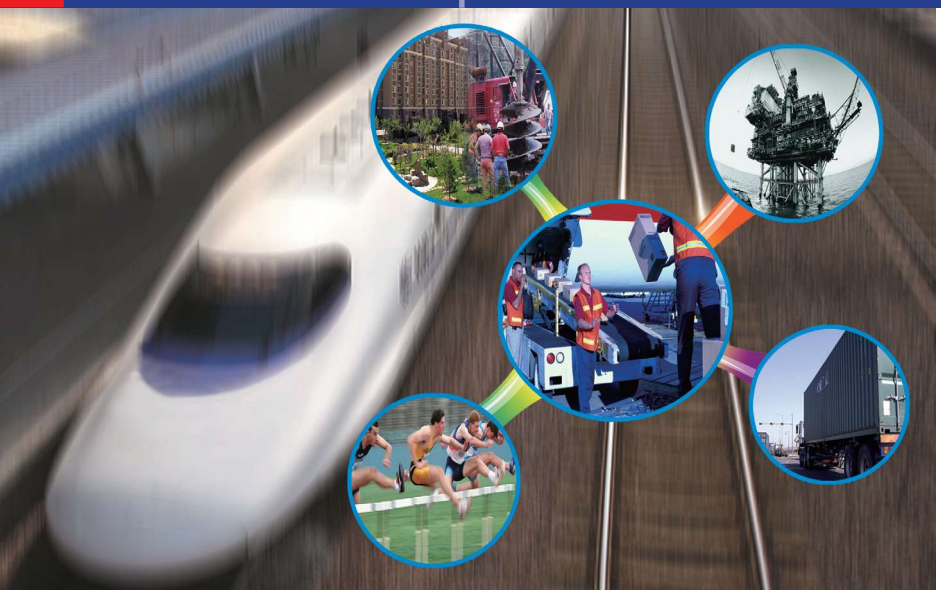
This datalogger is engineered to record acceleration data of shock/vibration. This device will record with time 3-axis vibrations and peaks to provide a history of shock/vibration conditions. It is applied to the shock/ vibration measurement such as transportation and Shipping Applications, building vibration, endurance testing, etc.

DT-178A

VIBRATION DATALOGGER

- Records 3-axis shock/vibration
- Build-in Accelerometers
- Measures dynamic and static acceleration
- Real-time operation
- Normal & Motion detecion mode
- Freefall detection mode
- Real-time FFT for frequency analyse
- Manual & Automatic start

DT-178A | Vibration Datalogger



General Specifications

Acceleration Sensor	MEMS Semiconductor
Acceleration Range	±18g
Acceleration Resolution	0.00625g
Calibrated Accuracy	± 0.5g
Frequency Range	0Hz ~ 60Hz
Data Memory	4Mbit FLASH (85764 peak acceleration samples and 210 freefall samples)
Data Format	time stamped peak acceleration and freefall, average and peak vector sum
Sampling Rate	1 second to 24 hours
Power	3.6V battery, specs : 14250 or 1/2AAA
Power Consumption	1mA (average) recording, <15μA idle
Battery Life	About 1000 hours
Computer Interface	USB
Operation Temperature and Humidity	0°C ~ 40°C 10%RH ~ 90%RH
Storage Temperature and Humidity	-10°C ~ +60°C 10%RH ~ 75%RH
Dimension	The pedestal : 106mm x 56mm x 33.5mm The datalogger : 95mm x 28mm x 21mm
System Requirement	Windows 2000 or Windows XP or Vista
Minimum Hardware Requirement	8M EMS memory, 2M hard disk, a free USB jack

Accessories

Instruction Manual, Battery, Windscreen, Transparent Cap, CD, USB Cable, Pedestal.

Contact :

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