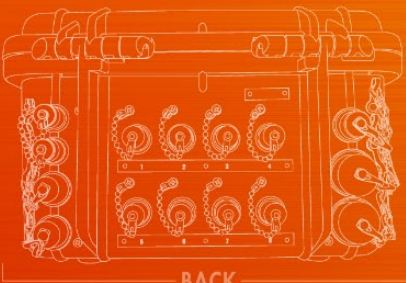


DATATRAP II™ DATA/VOD RECORDER

RESOLUTION: 14 BITS, 1 PART IN 16,384.
 CHANNELS: 8 SCOPE/VOD/STRAIN CHANNELS.
 MEMORY: UPGRADABLE TO 256 MILLION DATA POINTS.
 SENSORS: ACCELEROMETERS, PRESSURE, TEMP., ETC.
 EXPLOSIVES SAMPLES: UP TO 8 SAMPLES PER TEST.
 EXPLOSIVES IN BLASTHOLES: UP TO 32 BLASTHOLES PER TEST.



PANEL



BACK



HOURS OF OPERATION



18cm (7")

28cm (11")



DATATRAP II

DATA/VOD RECORDER

Your PC based Data Acquisition System (DAS) could cause failure of your testing program. When confronted by dust, high or low temperatures, moisture, or even rough handling, a typical DAS will fail.

If you want to record acceleration, pressure, and other dynamic sensors under tough outdoor conditions, then the DataTrap II™ Data/VOD Recorder is the only rugged recorder that provides this capability and the optional ability to record dynamic strain, and explosives velocity of detonation (VOD) continuously along explosives columns in multiple blastholes, along explosives samples, as well as to determine the delay times between blastholes.

RESEARCHERS OF HIGH-RATE PHENOMENA

You are running a sophisticated testing program involving measurement of the performance and/or effect of energetic materials. The DataTrap II™ Data/VOD Recorder is used by corporate, university and government researchers to record signals from airblast overpressure and underwater pressure sensors, accelerometers, thermocouples, strain gauges, VOD probes in explosives samples, and other sensors on outdoor testing ranges without the requirement of running long signal cables to a distant instrumentation shelter.

EXPLOSIVES CONSUMERS AND MANUFACTURERS

Your explosives and delay detonators must provide the energy and timing your blasts need under your specific blasting conditions. The DataTrap II™ Data/VOD Recorder is used to document the VOD performance of the explosives and delay times of the delay detonators during blasts to compare the actual VOD and delay time results to the published specifications. It also records near-field blast vibrations using high-G uniaxial and triaxial accelerometers.

Easy to use, extremely rugged and portable.

10 MHz recording rate per channel, 14 bit resolution.

Outstanding operational temperature range.

Long operational battery life & non-volatile memory.

8 channels, expandable to 56 channels

DataTrap II™ Advanced Analytical Software for Windows

MREL's 1 year Comprehensive Parts & Labour Warranty.

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