





'ONE BUTTON RUN' EASE OF OPERATION!

Texcel's GTM delivers unparalleled ease-of-operation for vibration and blast monitoring in a precision engineered, light weight package. Foolproof set up, simple operation backed by technical support and Texcel's proprietary T-Link software are some of the features of the GTM's progressive design. Combined with a lifetime warranty, and rental as well as purchase options, the GTM provides real benefits to its users.

TEXCEL'S GTM - ERGONOMIC DESIGN FOR...

QUARRY blasting operations to comply with local environmental regulations. Texcel's GTM is easy to set up and simple to operate. Compliance reports are tailored to meet the requirements of local authorities and our technical support is only a phone call away.

MINING industry compliance monitoring. Texcel's calibration service ensures the GTM maintains precision throughout its operating life, and the advanced Texcel T-Link software allows mining operators to extract maximum value from their Texcel GTM.

CONSTRUCTION projects. The foolproof operation of the Texcel GTM enables project managers to 'set and forget' the GTM. The Texcel GTM can be made available on short term rental to ideally match the requirements of your projects. **Vibration Dose Value measured in accordance with AS2670/BS6472.**

CIVIL ENGINEERING consultancy and project management. Texcel's GTM is fully self-contained as the monitor, sensors and accessories are all contained in a single backpack, so transporting the GTM from project to project is very practical. All this makes Texcel's GTM a safe and lasting investment.

Easy PC communication using RS232 serial interface or a USB port (using serial adapter cable).

Backlit LCD is easily readable under all lighting conditions.

Directional keypad provides simple navigation through the GTM's menus, which are similar to Texcel's proven μ MX, ATM and CTM instruments.

Power supply – The GTM draws power from an internal rechargeable battery pack making it suitable for operation in any situation. The GTM's extremely low power consumption can mean up to two weeks of continuous operation between battery charges.

Standard 32-bit processor provides sampling rates up to 40KHz.

Standard 8 Mbyte onboard memory allows hundreds of waveforms and tens of thousands of events to be stored.

Threshold triggered events plus waveforms are available without interrupting continuous monitoring mode.

Packaging – The IP65 rated weatherproof GTM weighs only 1.2 kg including batteries. The case incorporates a scratch resistant clear lid for viewing data even in poor weather conditions.

Zero Crossing Frequency – Results are available in all reports and all events.

No Down Time – Event processing does not interrupt recording.



Setting-up – The GTM and all accessories are carried in a durable backpack. Setting up the monitor takes only minutes.



Overpressure Circuitry – The GTM incorporates circuitry to detect peak overpressure, providing a 100 μ s detector onset time as required by many Environmental Authorities.



Construction Vibration – Where security issues are important the GTM is small enough to be hidden away from prying eyes.

Duty Timetables – The standard version of T-Link also lets users create GTM duty timetables, enabling the monitor to go into 'sleep' mode when monitoring is not required.

Trigger on vector sum threshold. Vector sum result in continuous mode.

All event data is processed within the monitor, including ground vibration, peak vector sum and **Vibration Dose Value (VDV).**

The GTM complies with the International Society of Explosives Engineers (ISEE) Performance Specification for Blasting Seismographs.

SENSOR OPTIONS



Triaxial Accelerometer

Standard triaxial geophone with a frequency bandwidth of 4.5 Hz to 500 Hz is supplied with both an aluminium baseplate and soil spikes to couple with all surfaces.

Low frequency triaxial geophone is available in 1 Hz or 2 Hz models where strict compliance monitoring parameters are required.

Triaxial Accelerometer – required to measure Vibration Dose Value (VDV).

Linear weighted microphone (2 Hz to 500 Hz) measures to 140 dB at a resolution of 0.1 Pa, accurately capturing overpressure (airblast) data from blast events. The microphone is protected from the elements by a hydrophobic wind sock.

Range changes are now available through T-Link software

Annual calibration ensures that the sensors continue to meet clients' exacting requirements.



THE SIMPLE WAY TO TALK TO A GTM!

Texcel's proprietary T-Link software provides a straightforward way to configure and retrieve data from a GTM, and creates the sound, blast and vibration reports. Simple screens allow novice users to be guided through the monitor set up process, and to produce high quality reports which can be customised to include clients logo and details. Report templates are also provided enabling data to be presented in a variety of International Standard Formats.

The standard version of T-Link also lets users create GTM duty timetables, enabling the monitor to conserve battery power by going into 'sleep' mode when monitoring is not required.

Running under Microsoft Windows® operating system, from Windows 98 onwards. T-Link and Texcel's earlier data management software Easylink will run on same PC with data and reports being interchangeable.

SUPPORT

Lifetime Warranty As well as the standard initial 12 month factory warranty on the GTM, Texcel also renews the instrument warranty (except the microphone) for a further 12 months each time the monitor is recalibrated.

This 'Lifetime Warranty' is unique to Texcel, and is one reason why earlier Texcel Instruments such as the proven μ MX are still monitoring more than ten years after their original manufacture.

Always up-to-date Another key feature of our recalibration service is upgrading of the monitor and software.

Customer support/Technical Support Recalibration also provides our customers with direct access to Texcel's technical support hotline where our highly experienced technicians are happy to talk through any issues with you.

Monitor Rental Options Texcel Instrumentation are able to offer our systems for rental as well as purchase, with a large pool of instruments available from our Brisbane plant.

This allows potential users to trial the GTM prior to buying, and also provides contractors and consultants with flexibility for shorter duration monitoring projects or for stand-by equipment while your own monitor is undergoing its annual calibration.

ABOUT TEXCEL INSTRUMENTATION

Texcel Instrumentation is a business unit of Texcel Pty Ltd, a privately owned Australian company based in Brisbane.

Texcel Instrumentation evolved from Blastronics Systems & Services which started manufacturing blast monitors in 1988.

The entire Texcel manufacturing process is governed by audited in house quality systems, with demanding key performance indicators (KPI's) applying to all aspects of production.

Texcel monitors are in daily use on all continents and in many applications and are designed with the users practical requirements in mind.



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Texcel have approved sales agents in many locations - please contact us for your nearest local representative.