



GT-VMR Velocity Borehole Seismometer



Features and Advantages

- Simple to install and read
- High resolution & accuracy
- Internal thermistor
- Insensitive to long cable runs
- Datalogger compatible
- Ranges from 5 to 100mm
- Waterproof up to 16 bar

Geotech GT-VWCM crack meters are used to measure movement across surface cracks and joints in concrete, rock, soil and structures.

They consist of a sensor outer body tube and an inner free-sliding rod which is connected at the internal end to a vibrating wire sensor by a spring. At the sensor end of the outer body and the external end of the rod anchors are attached which can be fixed either side of a crack to be monitored.

Specifications

Resolution	<0.025% FS
Accuracy	±0.1% FS
Nonlinearity	<0.5% FS
Frequency range	1650-2700 Hz
Nominal zero value	1850 Hz
Operating range	-20 °C to +80°C
Body material	Stainless steel
Anchor types	Grout, bond, bolt, expandable
Waterproof rating	IP68 (16 bar)
Cable	2 pair PUR sheath

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