



Electronic Crackmeters Model 3210-GS-CM Series

GENERAL

Geosystems' range of crackmeters include manual crackmeters, vibrating wire crackmeters, tell-tails, potentiometric crackmeters and limit switch crackmeters.

The most widely used crackmeters are the potentiometric and limit switch types that are used in conjunction with slope warning systems.

DESCRIPTION

LIMIT SWITCH CRACKMETERS

The limit switch crackmeter utilises an electronic switch that sets off an alarm at the slope warning system when a preset limit has been reached.

POTENTIOMETRIC CRACKMETERS

Potentiometric crackmeters operate via a linear potentiometer attached to a cog that meshes onto a threaded shaft within the crackmeter. This allows voltage output and an accurate measure of the movement of a crack which can be displayed in a Slopeguard system, or logged with a datalogger.



Models

- **Limit Switch Crackmeters:**
Three styles are available:-

CML2

A non-tensioned crackmeter, CML2 is the standard version which attaches to pegs either side of a crack.

CML4

The single spring version CML4 uses a wire-line up to 25m in length attached to the crackmeter. Can be read manually.

CML6

The dual spring version CML6 also uses a wire-line that can be up to 100m in length.



- **Potentiometric Crackmeters:** Like the limit switch crackmeters, three styles of potentiometric crackmeters are available:-

CMP1

A non-tensioned crackmeter, CMP1 is the standard version that attaches to pegs either side of a crack.

CMP3

The single spring version CMP3 uses a wire-line up to 25m in length attached to the crackmeter. After 25m or when traversing a bench, wire guides are required.

CMP5

The dual spring version CMP5 also uses a wire-line that can be up to 100m in length. After 25m or when traversing a bench, wire guides are required.

Due to on-going design improvements and reviews, we reserve the right to amend product and specifications without prior notice

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FOR FURTHER INFORMATION

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