

PULSAR MEASURING SYSTEMS LTD

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ROCK MONITOR



DRILL RIG ALIGNMENT & BLASTHOLE CHECKING DEVICE

The SLS ROCK MONITOR is a dual purpose instrument for checking the drill mast inclination and azimuth angles prior to drilling and the actual angles of the blasthole after drilling.

Once each blasthole has been drilled, the driller can then use the ROCK MONITOR to check the actual blasthole inclination and azimuth angles by aiming the open sight onto a torch suspended on a tape down the hole.

These measurements will give an accurate indication of the hole angle down to the depth at which the torch is visible.

This is an ideal tool for measuring back holes after front holes have been measured with the Pulsar Blasthole Probe.

The system is fast and easy to use. It consists of an electronic digital inclinometer with LCD display which is powered by one standard PP3 9V battery (500 hrs).

Inclination can be measured through 360 degrees with an accuracy of $\pm 0.1^\circ$ with freeze button for inclination angle display.

Azimuth is read from a simple magnetic compass to an accuracy of $\pm 2^\circ$.

All measurements can be entered into Blast Designer 32 & Quarry.2-4 software.