

# Robotic probe 3D laser navigates mine voids

October's Goldfields Mining Expo will see MDL Australia show off its rugged new void scanner, the VS150 3D laser scanner, and Cavity Auto Laser Scanning (C-ALS) system.

The VS150 is designed to measure voids, stopes and rock faces in underground mining environments where access is limited and difficult.

It can be deployed using conventional survey tripods or operated by remote control when fitted to rods, booms, masts and cranes.

At 5 kg, the two-axis-motorised VS150 is easily transported. It scans up to 200 points per second, storing the data on PDAs or laptop computers. The data can be exported to most CAD mine survey software packages.

With a diameter of just 50 mm, MDL's C-ALS cavity monitoring system is a self-navigating, motorised robotic probe designed to enter and survey dry, abandoned mine workings or cavities. ■

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