

BMM Detector

Standard (5300)

Fast and efficient BMM detection

The 5300 detector senses and records the location of Blast Movement Monitors (BMMs) in the blast pattern (pre-blast) and muckpile (post-blast). It forms part of the BMM System that accurately measures 3-dimensional (3D) blast movement.

The BMM System consists of directional transmitters (BMMs) placed within the blast region prior to blasting. Using the detector, you are able to measure BMM pre- and post-blast depth. BMM precise location is surveyed by your mine site survey team. This data is transferred to BMM Explorer software, which calculates the 3D movement vector of each BMM and areas of ore loss, dilution and misclassification that would have occurred if blast movement was not accounted for.



FEATURES

- ▶ Senses BMM depth in the muckpile
- ▶ Longer battery life
- ▶ Resistant to dust and water ingress; tested to IP65
- ▶ Easier to detect BMMs in the muckpile
- ▶ Easier to assemble and store
- ▶ Easier to transport to and from the pit

SPECIFICATIONS

Assembled weight	3.8 kg	PDA model	Nautiz X8
Assembled height	1.11 m	PDA WiFi	WLAN 802.11 b/g
Shipping weight (including case)	14.5 kg	Wireless connection method	Bluetooth 2.1+EDR
Shipping case size	56 x 43 x 20 cm	PDA size	187.3 x 79.6 x 33.8 mm
Operating temperature	-30°C to +60°C	Voltage PDA charger input / output	100-240V AC / 5V 1.8A DC
Storage temperature	-40°C to +70°C	Remote processing module (RPM) size	309.6 x 186.4 x 110 mm
Battery	14.4V Li-Ion battery 3.35Ah	Voltage RPM charger input / output	100-240V AC / 17V 3A DC
Environmental (IP65)	Water resistant and dust proof	Coil size	350 x 20 mm