

# 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

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