

PRODUCT DATA SHEET

EZ-GAMMA™

IMDEX™



**Driller and geologist-operable
gamma logging.**

Description

The EZ-GAMMA™ is an intelligent, sub-surface instrument used to determine lithology and geological correlation through the measurement of natural gamma radiation (NGR) over the span of the borehole.

Deployed downhole via the rig's winch, The EZ-GAMMA continuously measures and records natural gamma counts to an internal memory for processing at the surface.

The ease of use of the EZ-GAMMA allows on-site technical staff to simply and accurately gamma log historic holes without the need for high-cost, traditional gamma logging by means of a logging truck.

Application

Designed specifically for the harsh mining environment, the EZ-GAMMA is robust and compact. Both shock and vibration resistant, the tool is maintenance-free, requiring only periodic conformance checking and servicing. All parts requiring maintenance are field exchangeable so as to not delay operation.

Integration

Following the survey, the gamma data is downloaded from the instrument to a handheld tablet using wireless technology.

The gamma log is uploaded in real-time to the award-winning cloud-based IMDEXHUB-IQ™ which offers a secure chain of custody and QA/QC. The data can be analysed by a geologist, whether on-site or in the office, and can be approved before the rods are pulled and the rig moves on.

Advantages

- The EZ-GAMMA is easily deployable and can be operated by drilling crews or geologists
- Robust and compact for harsh mining environments
- Only requires periodic conformance checking and servicing
- Provides real-time gamma information and integrates with IMDEXHUB-IQ for immediate QA/QC validation

Crystal size

Ø25 mm x 165 mm

Dimensions

Probe and running gear diameter	<3m
Probe and running gear weight	<15 kg (excluding pelican case)

Operational environment

Probe: ambient air temperature	0°C to +70°C
Battery temperature	>0°C to +70°C
Depth encoder	-20°C to +85°C

Performance

Dip Range	0° to ± 87°
Accuracy	± 1°



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