SMART**GPS**

HIGH ACCURACY
RTK GPS

iMINING
BLAST SMARTER

PRECISE ENERGY PLACEMENT

PRODUCT DESCRIPTION

The iMining SMART**GPS** is a high accuracy RTK GPS system specifically designed for the exacting demands in drilling & blasting operations. The SMART**GPS** provides centimeter level accuracy in blasthole position increasing precision in the design & execution of blasts.

During logging & loading operations the SMART**GPS** integrates directly with the BLAST**TRACK**™ pump control system to monitor true hole position & collect data such as depth, condition, hole flags & timing design prior to the start of loading operations.

Integrate multiple SMART**GPS** rovers to allow for rapid logging & syncing of individual hole data to the BLAST**TRACK**™ Online Platform. In loading SMART**GPS** systems immediately identify individual blastholes for automatic recipe selection & mass delivery. Pumping data & positions are automatically recorded for each blasthole providing for accurate energy distribution modelling & quality assessment in post blast analysis.

The SMART**GPS** is available in the iMining BLAST**TRACK**™ remote HMI & as a USB-C plugin module for external attachment to compatible Android Smart devices. Join the precision revolution with iMining and elevate your drilling and blasting operations to new heights of accuracy and efficiency. Contact us today to unleash the full potential of SMART**GPS** technology.

DESIGN FEATURES

- Easily upload blast designs from your existing blast design software through our online API.
- Available in iMining BLAST**TRACK**™ HMI & external USB-C plug in module for Android smart devices
- Local connection to SMART**GPS** base station for cm level accurate hole positioning
- Automatic integration into BLAST**TRACK**™ Online & pump truck control systems
- Automatic identification of hole ID for the execution of pre-allocated loading patterns

BENEFITS

- Integrated high accuracy positioning & identification of blastholes
- Precise positioning data for the management of drilling compliance
- Compare planned vs. actual energy distribution in the blast to improve loading patterns
- Simplify data collection & loading precision with automatic hole identification through the loading cycle