

Bulk Explosive Analysis System (BEA)

A typical mine or quarry consumes many hundreds of tons of emulsion per month. This system allows for QUICK onsite Quality Control of the emulsion products and checking the composition of blended products from bulk explosives trucks.



This is all the laboratory equipment replaced by the BEA. Without the BEA, you would have to perform these tests using wet chemistry, with each test taking at least 4 hours of technician labour and requiring six or more hazardous chemicals.



The Bulk Explosive Analyser provides higher accuracy testing than wet chemistry. The BEA is fully automated, taking human error out of the equation. It is a portable electronic device requiring only 5 minutes prep time. Its operation requires no chemicals and no specialist training. Results ready in one hour.

Bulk Explosive Analysis System v3



KEY FEATURES

- For use on all bulk explosives containing emulsion (including low density products).
- Determines water and salt content of emulsions.
- Determines ANFO/emulsion ratio of mixed products.
- Determines total salt content of mixed products
- Reports total water and total salts when the emulsion contains addition substances (e.g. calcium nitrate, urea etc).
- The percentage of water in a Watergel
- Determines water content of AN Prill
- Determines diesel content of ANFO*
- No chemicals required.
- Reduces laboratory test time of more than 4 hours duration down to only one hour*.
- Accurate results.
- Portable and suitable for on-site use (requires 100-240v AC power).
- 5 minutes prep time labour required, results available in 1 hour, excluding sample collection.

**Diesel in ANFO test duration is 90 minutes*

KEY BENEFITS

- Excellent QAQC mechanism.
- Provides comfort knowing the quality of the explosives provided.
- Ensure the correct explosives energy levels, thus lower poor blast risk.
- Economic benefits - manage the energy you pay for.
- No expensive laboratory equipment needed

For more information Contact MinBlast on:

Mobile

+4479596455438

Landline

+44 1270487920

Email

barry@minblast.com