PRODUCT DESCRIPTION

The XPRESSDENSITY™ is a pocket device used to measure the loading density of chemically sensitised emulsion formulations in surface and underground operations. The device is available for surface and underground operations in a range of hose sizes and is calibrated for each customer based on the unique properties of their specific emulsions.

The XPRESSDENSITY™ is reusable and self-flushes the previous sample as successive samples are taken through the same device. This eliminates the wastage of sample cups and calculation errors experienced through the use of traditional scale based sampling methods.

XPRESSDENSITY™ are available in a belt pouch designed to hold three samples that are used in sequence to guarantee the quality of emulsion during loading operations. The device is easily flushed with water or air once sampling activities are complete.

The XPRESSDENSITY™ has been specifically designed to meet the challenges of the surface and underground mining environments in order to increase the speed and reliability of quality control practises in pre-blast operations.

DESIGN FEATURES

- Patented pump-through method to reduce sampling time
- Transparent polycarbonate construction for robustness & sample visibility
- Self-cleaning, reusable design
- Upper & lower density limit markers
- Tapered attachment for varying hose sizes
- Compatible with all charging units

BENEFITS

- Fast & reliable - single step process
- No cups, scales or calculations required
- Eliminate calibration & inclination errors present in digital scales
- Contactless sampling & cleaning
- Samples are encapsulated until accurate final densities have been obtained
- Simplify pre-blast quality control processes
- Identify & correct emulsion densities before they impact your blast