



PHOTO: PORTABLE UNIT



DIGITAL BELLING SYSTEM

MICROCAGE® is a wireless digital bell system that uses a radiating cable settled in the mine shaft. Designed to ensure communication between the cage operator and hoist operator, the MICRO-CAGE® system allows a continuous verification of safety elements such as slack rope, open door and other safety issues.

This safe system allows the cage operator to be notified, thanks to a bell signalling system located inside the cage. The deck bell signalling system, however, stays in place for cage-belling purposes. In addition, a portable built-in robust case has also been designed to facilitate shaft inspection. This portable assembly is also used all around the world to help sink shafts.

FEATURES

- Full duplex bell control system
- Remote signal for shaft inspection
- Monitoring of door positions and other security locking contacts
- Slack rope monitoring
- Optional keyboard for cage automation

BENEFITS

- Eliminates the need for intermediate bells inside the shaft
- Highly safe system
- Reduces costs for installation and maintenance of bell lines in the shaft
- Increases cage availability
- Simplifies cage operation
- Rapid return on investment



BASE UNIT

- Modbus serial communication option
- VHF ou UHF leaky feeder system
- 2 On/Off outputs for door monitoring;
- 1 On/Off output for slack rope monitoring;
- 1 On/Off output for «battery ok»;
- 1 On/Off output for "communication ok".



CAGE UNIT

- Stainless steel box and waterproof connectors;
- 2 output relays for On/Off control;
- 2 inputs for door sensors (proxy or contact);
- 2 inputs for auxiliary sensors (proxy or contact);
- 1 input for slack rope monitoring (proxy or contact);
- VHF or UHF leaky feeder system;
- Other options available.

OPTIONAL

Tailor-made related functions are available to meet your specific needs.

A portable cage unit is available

Cage interface control

Custom made interface is available to display real time condition and position of cage

Digital keypad

For a safe and complete automation, the level selection is made from inside the cage from digital keypad.

RELATED PRODUCTS

TELECOMMUNICATION NETWORK | CLAVIER | KEYPAD | LEAKY FEEDER

TO ORDER | Contact us at commandes@meglab.ca



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