

12 VOLT INTEGRATED UMBILICAL BARRIER SYSTEM

The **Control Master®** 12 Volt Integrated Umbilical Barrier system has been designed for underground remote mining applications. Remote mining areas with multiple entries need to be guarded from mine personnel and machines entering the area, as well as the remote machine exiting the area. **Control Master®** Barriers use class two lasers to maintain a safe perimeter around the remote zone.

The integrated barrier transmitter receives signals from up to four (4) barrier eye modules. When correctly aligned and clear from obstruction, the LED light on top of the barrier eye modules will come on, then the system can be set by pushing the reset button. All barrier LED's should change from red to green. Once set, power is supplied to the remote control transmitter allowing normal remote operation.

If a beam is broken, power is removed from the remote control transmitter causing the machine to halt, brakes are applied and the engine is shutdown. The barrier that has been broken will be indicated at the integrated barrier transmitter, which will change the LED from green to red. Remote operation can only be resumed when all barriers are clear and the system has been reset.



Full Kit	
Part No. 4720	12V integrated umbilical barrier system
Components included in kit	
Part No. 9244	Barrier eye module
Part No. 9265	Barrier eye mount
Part No. 4097	Reflector
Part No. 5642	Barrier transmitter
Part No. 1251	Barrier eye reset multi voltage
Part No. 8017	Bracket to suit reset unit
Part No. 5657	Loom 25m
Part No. 5930	Loom to suit CM2000

FEATURES & BENEFITS

- Easy to install
- Robust components
- Provides a safe working area
- Reduces the risk of operator injury
- Prevents unsafe work practices

This barrier system operates using umbilical wiring and is capable of guarding four (4) entry/exit points.

Additional laser barrier kit also available. Part No. 3564

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