

INITIATOR MO-200



- MO-200 is multiple output (4 outputs) hardwired initiator.
- Fully electronic controlled activator.

MAIN FEATURES

- Power is derived from two commonly available PP3 alkaline batteries, alternatively Lithium batteries can be fitted for greater temperature range
- completely reliable and safe, with an operating temperature range of -25C to +55C (dependent upon batteries)
- MO-200 delivers a minimum output energy of 4.5 Joules into a maximum resistance of 400
- Minimum of 200 firing from standard Alkaline batteries.
- Multiple safety features are integrated to ensure that no single fault, or common mode failure can cause premature arming and/or initiation of the MO-200
- Small, lightweight, rugged, electronic initiator to replace existing Electro mechanical devices.
- MO-200 can operate safely in all climatic conditions for remote control of explosives, mines, pyrotechnic and various other devices.



Operation

- The four independent firing circuits are connected by means of spring loaded terminals. Operating the appropriate TEST button checks circuit continuity.
- Circuit status is indicated by a green test lamp, which only illuminates when the circuit resistance is less than 400 Ohms. when the green test lamp illuminates constantly, it indicates that the circuit resistance is less than 85 Ohms and that any detonator can be used. When the test lamp flashes it is indicating that the circuit resistance is greater than 85 Ohms, but less than 350 Ohms
- These safety features remove the need for a Safety Ohmmeter, as required for conventional Dynamo Type Initiators.
- Operating the PRIME Button causes the red "READY" lamp to flash, indicating that the circuit is primed, This typically takes 2 - 4 seconds with the MO-200. While the READY lamp is flashing, the load circuit may be fired by operating the appropriate Circuit Select and FIRE buttons simultaneously. The short recycle time of the Initiator permits rapid separate firing of all four circuits, giving seven to eight times the potential detonating power of conventional dynamo type initiators.

Safety

- The MO-200 must be primed before any circuit can be fired and firing requires the operation of two independent push buttons. The output is inhibited when the initiator is not fully primed, thus preventing partial firing.

Output Power

- The MO-200 provides a minimum of 4.5J into a maximum circuit resistance of 400 Ohms.
- The source of primary power is a alkaline or rechargeable Battery Pack,

