

WIRED EXPLODER ATLAS 350

Compact and robust
Security key
Single lithium battery
Certification Ineris EMF14MA4002



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ATLAS 350 is an electronic capacitor exploder, very compact sized and sturdy, designed for firing electric detonators.

This device is very easy to use : pressing the CH button charges the capacitors; when the capacitors are charged, the firing can be triggered by pressing simultaneously the F button. If more power is needed, the capacitors can be charged to a higher voltage by keeping the CH button pressed for 3 more seconds.

The exploder **ATLAS 350** is supplied by a single lithium photo battery CR 123 (cheap and widespread). A bicolour led indicates the state of the battery.

It is integrated in robust aluminium box, equipped with polyester control panel integrating the buttons and the lights. The leds' luminosity level can be selected by the user and thus adapted to the work conditions (day / night).

It features one firing output, equipped with safety sockets, in order to avoid that the user can be in contact with the dangerous output voltage.



Made in France



ATLAS 350 exploder feature many security levels :

security key, permanent shunt on the firing output, battery voltage monitoring, automatic discharge of the capacitors when the charge button is released, permanent measurement of the capacitors voltage, to fire 2 buttons must be pressed simultaneously, firing is allowed only when the capacitors are charged enough, safety sockets and plugs, monitoring by micro-controller, self-test of the control panel lights.

TECHNICAL DATA

Box	aluminium IP65
Dimensions	120 x 85 x 35 mm
Weight	approx. 300 g
Power supply	CR123 lithium battery
Continuity test	integrated
Security levels	listed above
Compatibility F3 detonator	yes
Firing output	1
Charging voltage	300 V mini - 395 V maxi
Energy	9 J mini - 15 J maxi
Charging time	5 s
Autonomy	200 firings at 20°C
Shunt on the outputs	internal shunt

