

WIRED EXPLODER ATLAS 300

Compact and robust
Single lithium battery
Versatile sockets



EXPLODER ATLAS 300

ATLAS 300 is an electronic capacitor exploder, very compact sized and sturdy, designed for firing electric detonators.

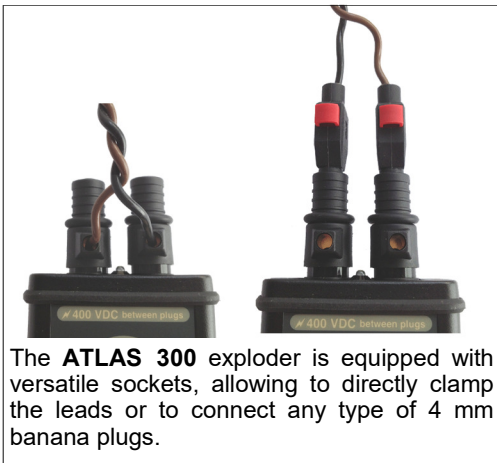
This device is very easy to use : pressing the CH button charges the capacitors; when the capacitors are charged, the firing can be triggered by pressing simultaneously the F button. If more power is needed, the capacitors can be charged to a higher voltage by keeping the CH button pressed for 3 more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

The exploder **ATLAS 300** is supplied by a single lithium photo battery (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).



Made in France



The **ATLAS 300** exploder is equipped with versatile sockets, allowing to directly clamp the leads or to connect any type of 4 mm banana plugs.

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.

ATLAS 300 exploder feature many security levels : 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.



Dimensions of ATLAS-300 :
150 x 60 x 35 mm

TECHNICAL DATA	
Box	aluminium IP65
Dimensions	150 x 60 x 35 mm
Weight	approx. 200 g
Power supply	CR2 lithium battery
Continuity test	integrated
Security levels	listed above
Compatibility F3 detonator	yes
Firing output	1
Charging voltage	320 V mini - 395 V maxi
Energy	5 J mini - 7.5 J maxi
Charging time	5 s
Autonomy	200 firings at 20°C
Shunt on the outputs	internal shunt