

PONGO

Push-Button Blasting Machine



PONGO is a compact, ultra-lightweight and easy to use blasting machine that fits on the palm of the user. It comes in a plastic cylindrical shell and includes a shaft button and two binding posts.

The firing line is connected directly to PONGO's two binding posts. The energy for the blast is generated by firmly pushing the shaft button of the device; an external power supply or batteries are not needed. The device includes an R-type safety pin that prevents the release of the button until the operator is ready to detonate the explosives.

PONGO supports blasting of up to two Class 1 detonators in series, with up to 120m total line length and 1mm² cross sectional copper cable. The total blasting line resistance should not exceed 11Ω.

To test the line resistance, ENGLO's OOM-4 digital line tester should be used.

PONGO is a multi-use device and can be used up to 1000 times or more. After each firing the device can be readied again by pulling the shaft button up to the cocked position.

The blasting machines are rated IP65 under the international IEC 60529 standard and are splash and dust proof.

PONGO Features and Benefits:

- Low energy blasting machine
- Push-button immediate firing impulse generation
- Supports blasting of up to two Class 1 detonators in series, with up to 120 m total line length
- Ultra-lightweight

Parameter	Units	Value
Maximum permitted total line resistance	Ω	11
Output voltage peak value with 4.7 Ω load	V	No less than 11.5
Total energy of the pulse with 4.7 Ω load	mJ	No less than 30
Number of uses		Multi-use
Power supply		Pushing the shaft
Protection level		IP65, in cocked position
Operating temperature	°C	-20 to + 55
Storage temperature	°C	-40 to + 55
Weight	mg	150
Dimensions	mm	Ø 32, L=95, in cocked position