

ERGONIC-II



Electronic initiation system

**Safety and precision
in blasting operations**

ERGONIC-II is an electronic initiation system that combines modern technology with reliability, ensuring the highest level of safety and precision in blasting operations.



ERGONIC-II is:

SAFETY

High resistance to electrostatic discharges and stray currents. Dual-voltage operation within the system. Advanced detonator network diagnostics.

RELIABILITY

Increased resistance to dynamic pressure due to modern electronics and a durable brass shell.

FUNCTIONALITY

The ERGONIC-II system is designed with users in mind – it is intuitive and ergonomic to operate. It performs well in both small and large blast.

PRECISION

Accurate delay time management allows better control over rock fragmentation, reduction of blast vibrations and optimization of operational costs.



Application of the ERGONIC-II system in Mining and Engineering:

The ERGONIC-II system, featuring precisely programmable detonators, is engineered for optimal performance in modern mining operations, both open-pit and underground. These detonators also have broad applications in engineering, particularly in construction and demolition projects. With advanced delay programming capabilities and customized detonation sequences, the ERGONIC-II system significantly lowers operational costs by enhancing rock fragmentation control and minimizing blast vibrations. Moreover, its industry-leading safety measures and remote firing capabilities ensure superior safety and efficiency when handling explosives.

ERGONIC-II

Choose the technology
that meets every
challenge

Maximum number of detonators fired by the set	1 000 pieces
Maximum number of detonators fired in the system	5 000 pieces
Delay range	0 – 20 000 ms
Programmability	1 ms
Remote firing	Ability to fire from a distance of up to 2 000 m
Shell material	Aluminum, copper, brass
Operating temperature range	From -20°C to +60°C
Software integration	Integrated with blasting design software

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