



SCORPIO - GRENADE LAUNCHER FIRE CONTROL SYSTEM

A lightweight, compact, high hit-probability, Fire Control System (FCS) for grenade launcher tubes that provides fast and accurate aiming and firing (LOS/ LOF) capabilities.

A ballistic computer reconfigurable by means of uploaded firing tables for selected ammunition (HE frag, HEDP, Smoke, etc) provides enhanced hit probability against standing and moving ground targets.

KEY FEATURES

- Ballistic computer re-configurable by means of uploaded firing tables for selected ammunition
- Ballistic computation for ground static targets
- Ballistic computation for ground moving targets by means of cinematic lead angles computation
- Instinctive aiming colour LED display system for Line of Fire (LOF) implementation
- Class 1M pocket Laser Range Finder for Line of Sight (LOS) distance measurement
- Self powered.

SCORPIO - Grenade Launcher Fire Control System



SCORPIO Grenade Launcher mounted on a rifle

TECHNICAL SPECIFICATIONS

Ballistic Computations

Time Reaction	Static Target	< 1 sec.
	Dynamic Target	< 4 sec.
Firing Tables	Selectable from menu	
Operative Panel	One touch	
Aiming Display	OLED display	

Laser Range Finder

Wavelength	905 nm	
Maximum Range	400 m (for 40 mm Low velocity Grenade)	
Eye Safety Class	Class 1M in static mode, IEC 60825 (2001)	

Orientation Accuracy

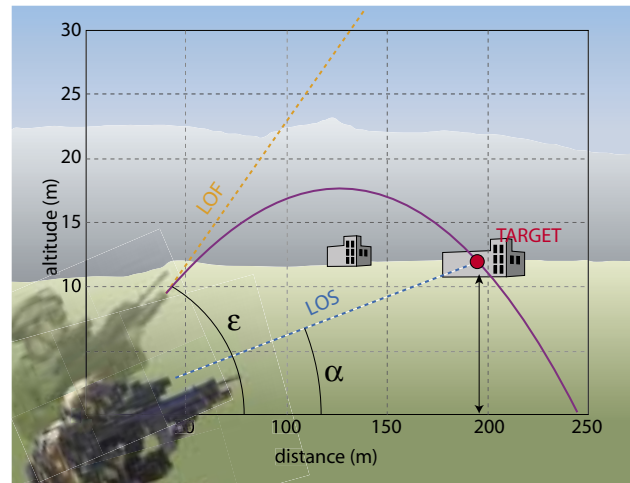
Resolution in Azimuth	1°
Resolution in Elevation	0.5°
Tilt Range	± 85°
Azimuth Range	360°

Interfaces

Serial Data	RS232 for uploading new firing tables
Power	Standard AA Battery or DC backup power wired through connector
Mounting	Picatinny Mil-1913

Physical Characteristics

Length	16 cm
Width	5 cm (average)
Height	9 cm (average)
Weight	490 gr (including batteries)



SCORPIO - Aiming and firing



The Italian Army Soldier System, fully interoperable and integrated into the latest C4i systems, is the most advanced and complete European programme for infantry modernisation, complying with the requirement of the Italian Army General Staff and with NATO Guidelines. Within this programme, SELEX Galileo supplies the Individual Combat Fire Control and Observation System which includes: ASPIS (Individual Combat Weapon System), SCORPIO grenade launcher, NIMOS (Night MOBility Sub-system) and LINX (Handheld Target Acquisition System).

For more information please email sales.marketing@selexgalileo.com

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