

SECURITY

Law Enforcement | Security Agencies | Special Units


PRODUCT CATALOGUE



FN HERSTAL

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The reference when safety is at risk

FN Herstal provides a wide range of products specifically adapted to the requirements of Law Enforcement and Security agencies, and Special Units: less lethal systems, pistols, submachine guns, carbines, rifles, precision rifles, aiming and training solutions, electronic ID systems, ammunition and accessories.

With over 130 years of experience in the design and manufacture of high performance top quality products for Military and Law Enforcement customers worldwide, the Belgian company FN Herstal is a safe choice as a reliable partner to provide the best equipment to the women and men who face danger every day to protect their fellow citizens.



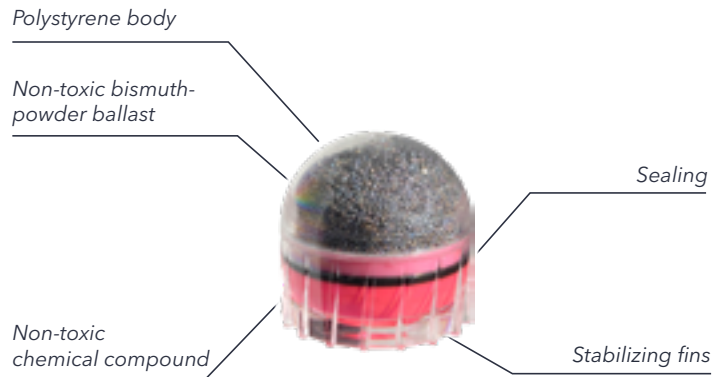
LESS LETHAL

Because law enforcement and security forces must to be able to count on a reliable less lethal solution for operations that do not require the use of lethal force, FN Herstal has for several years been offering the FN 303®, now available in a standard or Tactical version. In service with many units worldwide, this kinetic energy system, based on a combination of a compressed air launcher and specific projectiles, combines safety, accuracy and efficiency.

Benefitting from its experience and based on an analysis of customer needs, FN Herstal is now offering its latest innovation in less lethal systems for even greater safety. The FN Smart Protector®-303T has the unique feature of integrating an image processing camera into the FN 303® Tactical launcher, enabling human heads to be detected in real time. This solution drastically reduces the risk of unintentional headshots that can result in serious and potentially irreversible injuries, and provides law enforcement and security agencies with a credible means of after-action analysis.

FN 303® Projectiles

18mm (.68")
diameter



Less lethal launchers proposed by FN Herstal shoot an FN 303® projectile that has been specifically designed to ensure optimum accuracy with maximum effectiveness and minimum risk.

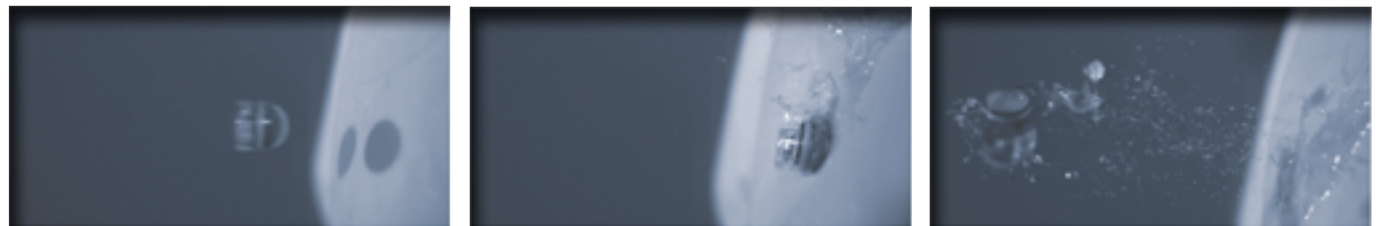
It delivers a sufficiently dissuasive level of pain within the projectile's impact zone to disable targets temporarily.

The energy is sufficient for other effects such as breaking side car windows.

A full range of FN 303® projectiles is available depending on the mission at hand.

The projectile can release a washable or indelible paint or a substance with an irritant effect, in addition to the initial impact.

All the projectiles have the same trajectory and the same point of impact.



▶ Impact of an FN 303® projectile launched onto a poly-vinyl torso manikin

A FULL RANGE OF PROJECTILES

- ▶ **Impact** (non-toxic glycol base)
- ▶ **Impact + irritant effect:** PAVA (chemical pepper powder)
- ▶ **Impact + washable paint** (fluorescent pink pigment in non-toxic glycol base, cleaning: water and soap)
- ▶ **Impact + indelible paint** (latex based polymeric paint)
- ▶ **Impact** (100% inert powder)



FN 303[®] Mk2

18mm (.68")
diameter

KEY BENEFITS

- ▶ Shouldered launcher
- ▶ Extremely accurate (zeroed at 30m)
- ▶ Effective up to 50m
- ▶ High capacity magazine: 15 projectiles
- ▶ Operates using compressed air
- ▶ Semi-auto mechanism provides rapid shots
- ▶ No recoil, no noise, no flash, no pyrotechnics
- ▶ Safe to use at very close range

VARIANT

- ▶ Black or orange

More information on FN[®] certified accessories on page 49



▶ FN 303[®] Mk2



▶ FN 303[®] Mk2 (orange variant)

	Projectile diameter	Weight with empty magazine and full bottle	Length	Magazine capacity	Effective range	Colours available	Propulsion system	Energy
FN 303[®] Mk2	18mm (.68")	Approx. 2.9 kg (approx. 6.39 lb)	745mm (29.33")	15 projectiles	From 0 to 50m (0-54 yds)	Black or orange	Compressed air	33 J (E ₀) / 22 J (E ₃₀)

The FN 303[®] less lethal system is designed exclusively for military and law enforcement use. Read the operator's manual carefully and undergo a training course by an FN Herstal certified instructor before using the launcher. Always apply the rules specified in the manual. Inappropriate use of the FN 303[®] system can cause fatal injury. Never aim at the head or neck. Only use FN Herstal certified FN 303[®] projectiles.

FN 303[®] Tactical

18mm (.68")
diameter

KEY BENEFITS

- ▶ Shouldered launcher
- ▶ Highly modular, with various types of buttstocks and pistol grips available
- ▶ Very compact
- ▶ Extremely accurate (zeroed at 30m)
- ▶ Effective up to 50m
- ▶ High capacity magazine: 15 projectiles
- ▶ Operates using compressed air
- ▶ Semi-auto mechanism provides rapid shots
- ▶ No recoil, no noise, no flash, no pyrotechnics
- ▶ Safe to use at very close range

VARIANT

- ▶ Black or orange

More information on FN[®] certified accessories on page 49



▶ FN 303[®] Tactical with adjustable and foldable buttstock (orange variant)



▶ FN 303[®] Tactical with foldable, adjustable offset buttstock for use with visor helmet



▶ FN 303[®] Tactical with telescopic buttstock

	Projectile diameter	Weight with empty magazine and full bottle	Length	Magazine capacity	Effective range	Colours available	Propulsion system	Energy
FN 303[®] Tactical	18mm (.68")	Approx. 2.9 kg (approx. 6.39 lb)	Extended: 751mm (29.57") Collapsed: 692mm (27.24") Folded: 505mm (19.88")	15 projectiles	From 0 to 50m (0-54 yds)	Black or orange	Compressed air	33 J (E ₀) / 22 J (E ₃₀)

Above technical details are valid for the FN 303[®] Tactical with adjustable and foldable buttstock.

The FN 303[®] less lethal system is designed exclusively for military and law enforcement use. Read the operator's manual carefully and undergo a training course by an FN Herstal certified instructor before using the launcher.

Always apply the rules specified in the manual. Inappropriate use of the FN 303[®] system can cause fatal injury. Never aim at the head or neck. Only use FN Herstal certified FN 303[®] projectiles.

NEW FN Smart Protector®-303T

18mm (.68")
diameter

KEY BENEFITS

- ▶ Less lethal system with controlled and proportionate effects
- ▶ Shoulder-fired FN 303® Tactical launcher fitted with a latest generation optoelectronic device
- ▶ Integrates an FN VictoR®-SP image processing camera combined with software:
 - detects human heads in real time
 - emits audible and visual warnings before a potential dangerous shot
 - temporarily blocks the trigger
 - can record the scene of the intervention
- ▶ Combines safety, accuracy and efficiency
- ▶ Drastically reduces the risk of an unintentional headshot
- ▶ Can provide valuable data for after-action analysis or judicial investigation
- ▶ Includes a target training system
- ▶ FN VictoR®-SP image processing camera
 - 5 to 12 hour battery autonomy depending on use (extra battery pack available as an option)
 - Automatic standby mode
 - Battery charge and data transfer via USB-C
 - Operating range from 5 to 25m

VARIANT

- ▶ Black or orange colour

More information on FN® certified accessories on page 49



▶ FN Smart Protector®-303T, here shown with optional red dot sight

▶ Rear view of the FN VictoR®-SP image processing camera through a red dot sight



▶ Training Target



HANDGUNS

The pistol is the first available solution for most security personnel. When it is required, the pistol must be instantly available and flawlessly reliable, the life of the user and the lives of other people may be in grave danger.

FN Herstal proposes the brand-new 9mm FN HiPer® pistol, which features a large number of patented innovations; the 9mm FN® 509; and the 5.7x28mm NATO FN Five-seveN®.

Amongst our latest developments, the 9x19mm FN HiPer® pistol is another milestone in our tradition of pushing innovation further to deliver world-class weapons to military and law enforcement personnel.

The design of the FN Five-seveN®, now identified as Mk3 MRD, has been fully revisited based on end user operational feedback to enhance ergonomics and accept mini red dot sights without degrading its proven performance. The 5.7x28mm calibre is a recognised NATO calibre.

All products made by FN Herstal are designed to meet the most demanding specifications, and manufactured to the highest standards of quality. FN Herstal's pistols are modern, high performance pistols that will reliably enable the user to survive life-threatening situations.



KEY BENEFITS

- ▶ Fully designed and manufactured in Belgium
- ▶ Several innovative patented FN features
- ▶ Improved ergonomics:
 - extremely comfortable grip
 - newly-designed, fully ambidextrous magazine catch
 - unique slide catch location
 - three interchangeable ergonomic grip covers
 - many grip surfaces and retention grooves
 - low bore axis
- ▶ High reliability in harsh conditions:
 - innovative architecture and design based on a chassis concept
 - fully polymer magazine, with remaining number of rounds indicated
- ▶ Maximum safety:
 - can be disassembled without pulling the trigger

VARIANTS

- ▶ MRD* version accepts a mini red dot sight on the slide
- ▶ Flat Dark Earth or black

More information on FN® certified accessories on page 49



▶ FN HiPer®



▶ FN HiPer® MRD (FDE colour), with optional mini red dot sight and tactical locking plate

	Mechanism	Operating principle	Weapon length	Barrel length	Magazine capacity	Weight (empty magazine)	Mechanical sights	Mini red dot sight compatibility
FN HiPer®	Striker/single action	Short recoil of the barrel	Approx. 180mm (approx. 7.08")	Approx. 100mm (approx. 3.94")	15 rounds	Approx. 730 g (approx. 1.61 lb)	Photoluminescent	No
FN HiPer® MRD								Yes

Above technical details are valid for the FN HiPer® featuring no tactical locking plate.
*MRD stands for Mini Red Dot

KEY BENEFITS

- Extremely reliable
- Highly ergonomic
- Very accurate
- With or without manual safety
- Accepts every type of 9x19mm ammunition

The FN® 509 handgun comes standard with two magazines, three backstraps, one magazine loader, one cleaning kit, owner's manual and dedicated soft case.

VARIANT

- Training solutions, see page 37

More information on FN® certified accessories on page 49



▸ FN® 509 with manual safety



▸ FN® 509 without manual safety

Mechanism	Operating principle	Weapon length	Barrel length	Magazine capacity	Weight (empty magazine)	Weight (loaded magazine)	Mechanical sights	Manual safety
Pre-loaded striker autoloader	Short recoil	188mm (7.40")	101.6mm (4")	17 rounds	Approx. 763 g (Approx. 1.68 lb)	Approx. 960 g (Approx. 2.12 lb)	Fixed 3-dot luminescent sights	With or without

Above technical details are valid for the FN® 509 model with manual safety.

FN Five-seveN® Mk3 MRD

5.7x28mm NATO
calibre

KEY BENEFITS

- ▶ Fully revisited design
- ▶ Military qualified by FN Herstal
- ▶ Low recoil, rapid target engagement
- ▶ Short and light trigger pull
- ▶ Adjustable height mechanical sights to allow co-witnessing
- ▶ Multi-surfaced texture for perfect grip and faster follow-up shots
- ▶ High magazine capacity (20 rounds)
- ▶ Extremely reliable
- ▶ Accepts the most commonly used mini red dot sights

VARIANT

- ▶ Flat Dark Earth or black

More information on FN® cartridges and certified accessories on page 45 and page 49 respectively



▶ FN Five-seveN® Mk3 MRD fitted with optional mini red dot sight



▶ FN Five-seveN® Mk3 MRD (FDE colour)

Mechanism	Operating principle	Weapon length	Barrel length	Magazine capacity	Weight (empty magazine)	Weight (loaded magazine)	Mechanical sights	Mini red dot sight compatibility	Manual safety
Single action	Delayed blowback	207.9mm (8.19")	122mm (4.81")	20 rounds	Approx. 680 g (Approx. 1.50 lb)	Approx. 805 g (Approx. 1.77 lb)	White dot sights	Yes	Yes



SUBMACHINE GUNS

Emergency response teams need a weapon that provides effective incapacitation even when the suspect is wearing soft body armour. The FN P90® Tactical submachine gun meets these requirements.

The FN P90® Tactical is a compact weapon, easy to handle in confined spaces, simple to use and to maintain, firing a cartridge that is highly effective while greatly reducing the risks of collateral damage. It provides the means to face armed and threatening individuals effectively and safely.



FN P90[®] Tactical

5.7x28mm NATO
calibre

KEY BENEFITS

- Very compact, even with magazine fitted
- Fully ambidextrous
- Low recoil firing single shots and full auto
- 50-round magazine
- Very easy to maintain
- Picatinny type top rail for optical sight
- Fires the 5.7x28mm NATO calibre cartridge:
 - designed and developed by FN Herstal
 - optimum target effect
 - reduced size and weight
 - reduced risk of collateral damage

VARIANTS

- With or without integrated visible or IR laser
- Semi-auto or semi-auto/full auto

More information on FN[®] certified accessories on page 49



▸ FN P90[®] Tactical with optional optical sight and tactical light



▸ FN P90[®] Tactical LV with integrated visible laser

Firing mode	Operating principle	Total length	Barrel length	Magazine capacity	Weight (empty magazine)	Weight (loaded magazine)	Cyclic rate of fire	Maximum effective range
Semi-auto or semi-auto/full auto	Blowback, firing from closed breech	505mm (19.9")	264.15mm (10.4")	50 rounds	Approx. 2.9 kg (Approx. 6.39 lb)	Approx. 3.2 kg (Approx. 7.05 lb)	850 - 1,100 RPM	200m (220 yds)

Above technical details are valid for the FN P90[®] Tactical model.



CARBINES & RIFLES

FN Herstal offers a wide variety of carbines and rifles for all types of Law Enforcement and Security missions. Based on the rifle that equips elite military Special Forces worldwide, the FN SCAR®-L (5.56mm/.223 cal.) and FN SCAR®-H rifles (7.62mm/.308), now Mk2, are available in several versions, e.g. various barrel lengths, wide choice of buttstock types, semi-auto or semi-auto/full auto modes.

The subcompact FN SCAR®-SC carbine is available in 5.56mm (.223) or .300 BLK calibres. FN SCAR® family also includes precision rifles.

Whatever the requirement, FN Herstal has a shoulder-fired weapon to meet it.

FN SCAR®-SC

5.56x45mm (.223) or 7.62x35mm (.300 BLK) calibres

KEY BENEFITS

- ▶ 5.56mm or .300 BLK calibre
- ▶ Extremely compact for use in confined spaces
- ▶ Foldable, adjustable buttstock
- ▶ Reversible, non-reciprocating, curved cocking handle
- ▶ Picatinny type rails at the 3, 6, 9 and 12 o'clock positions
 - Rails at the 3 and 9 o'clock positions include rail covers
 - Rail at the 6 o'clock position includes rail cover and handstop

VARIANTS & OPTIONS

- ▶ Semi-auto or semi-auto/full auto
- ▶ Wide selection of interchangeable buttstock types
- ▶ M-LOK rails
- ▶ Full range of accessories including optical sight, tactical light and sound suppressor
- ▶ RFID tag or FN SmartCore® shot counter, see page 41
- ▶ Training solutions, see page 37

More information on FN® certified accessories on page 49



▶ FN SCAR®-SC 5.56 with foldable, adjustable buttstock



▶ FN SCAR®-SC .300 with foldable, adjustable buttstock and optional sound suppressor



▶ Fixed, height and length adjustable buttstock (concave butt plate)



▶ Foldable, height and length adjustable buttstock (convex butt plate)



▶ Foldable, adjustable offset buttstock for use with visor helmet



▶ Standard telescopic buttstock



▶ Short telescopic buttstock

	Calibre	Operating principle	Weapon length	Barrel length	Magazine capacity	Weight (without magazine)	Cyclic rate of fire
FN SCAR®-SC 5.56	5.56x45mm (.223)	Gas operated, rotating bolt	Extended: approx. 710mm (approx. 27.95") Collapsed: approx. 647mm (approx. 25.47") Folded: approx. 462mm (approx. 18.19")	190.5mm (7.5")	30 rounds	Approx. 3.14 kg (approx. 6.92 lb)	550-650 RPM
FN SCAR®-SC .300	7.62x35mm (.300 BLK)	Gas operated, rotating bolt	Extended: approx. 764mm (approx. 30.08") Collapsed: approx. 701mm (approx. 27.60") Folded: approx. 516mm (approx. 20.31")	228.6mm (9")	30 rounds	Approx. 3.20 kg (Approx. 7.05 lb)	550-650 RPM

Above technical details are valid for the FN SCAR®-SC featuring a foldable, adjustable buttstock (concave buttplate).



FN SCAR®-L Mk2

5.56x45mm (.223)
calibre

KEY BENEFITS

- ▶ Derived from the military, combat-proven FN SCAR® rifle, specifically adapted for security missions
- ▶ Foldable, adjustable buttstock allowing 2-position cheek rest height adjustment and 6-position length adjustment. Adjustments are retained after folding and unfolding the buttstock.
- ▶ Reversible, reciprocating or non-reciprocating, curved cocking handle
- ▶ Picatinny type rail at the 3, 6, 9 and 12 o'clock positions
 - Rails at the 3, 6 and 9 o'clock positions include rail covers
 - Extended rail at the 12 o'clock position

VARIANTS & OPTIONS

- ▶ Semi-auto or semi-auto/full auto
- ▶ Interchangeable barrels: 10" (CQC) or 14" or 14.5" (STD)
- ▶ Wide selection of interchangeable buttstock types
- ▶ M-LOK rails
- ▶ Full range of accessories including optical sights, tactical light and sound suppressor
- ▶ RFID tag or FN SmartCore® shot counter, see page 41
- ▶ Training solutions, see page 37

More information on FN® certified accessories on page 49



▶ FN SCAR®-L Mk2 CQC (10" barrel) with foldable, height and length adjustable buttstock



▶ FN SCAR®-L Mk2 STD (14" barrel) with foldable, height and length adjustable buttstock



▶ Foldable, height and length adjustable buttstock with convex butt plate



▶ Fixed, height and length adjustable buttstock with concave butt plate

	Calibre	Operating principle	Weapon length	Barrel length	Magazine capacity	Weight (without magazine)	Cyclic rate of fire
FN SCAR®-L Mk2 CQC	5.56x45mm (.223)	Gas operated, rotating bolt	Extended: 788mm (31.02") Collapsed: 724mm (28.50") Folded: 540mm (21.26")	254mm (10")	30 rounds	Approx. 3.4 kg (approx. 7.50 lb)	550-650 RPM

Above technical details are valid for the FN SCAR®-L Mk2 CQC featuring a foldable, height and length adjustable buttstock (concave butt plate).

FN SCAR®-H Mk2

7.62x51mm (.308)
calibre



▸ FN SCAR®-H Mk2 CQC (13" barrel) with foldable, height and length adjustable buttstock



▸ FN SCAR®-H Mk2 STD (16" barrel) with foldable, height and length adjustable buttstock



▸ Standard telescopic buttstock



▸ Foldable, adjustable offset buttstock for use with visor helmet

KEY BENEFITS

- Derived from the military, combat-proven FN SCAR® rifle, specifically adapted for security missions
- Foldable, adjustable buttstock allowing 2-position cheek rest height adjustment and 6-position length adjustment
- Reversible, reciprocating or non-reciprocating, curved cocking handle
- Picatinny type rail at the 3, 6, 9 and 12 o'clock positions
 - Rails at the 3, 6 and 9 o'clock positions include rail covers
 - Extended rail at the 12 o'clock position

VARIANTS & OPTIONS

- Semi-auto or semi-auto/full-auto
- Interchangeable barrels: 10" (SB), 13" (CQC) or 16" (STD)
- Wide selection of interchangeable buttstock types
- M-LOK rails
- Full range of accessories including optical sights, tactical light and sound suppressor
- RFID tag or FN SmartCore® shot counter, see page 41
- Training solutions, see page 37

More information on FN® certified accessories on page 49

	Calibre	Operating principle	Weapon length	Barrel length	Magazine capacity	Weight (without magazine)	Cyclic rate of fire
FN SCAR®-H Mk2 CQC	7.62x51mm (.308)	Gas operated, rotating bolt	Extended: 893mm (35.16") Collapsed: 830mm (32.68") Folded: 645mm (25.39")	330.2mm (13")	20 rounds	Approx. 3.5 kg (approx. 7.72 lb)	550-650 RPM

Above technical details are valid for the FN SCAR®-H Mk2 CQC featuring a foldable, height and length adjustable buttstock (concave butt plate).



PRECISION RIFLES

The FN SCAR®-H PR Mk2 precision rifle is a highly reliable and extremely accurate weapon of choice for the specialised marksman.

The semi-automatic 7.62mm (.308) rifle with its heavy floating barrel and Match grade trigger provides rapid shots on target even at long range. The long one-piece integrated top rail allows day and night optics to be fitted in line. A choice of buttstock options - foldable or fixed, tactical - allow the rifle to be adapted to the user's needs. When there is no margin for error, the FN SCAR®-H PR Mk2 precision rifle can make the difference.



FN SCAR®-H PR Mk2 and FN SCAR®-H TPR Mk2

7.62x51mm (.308)
calibre

KEY BENEFITS

- ▶ Heavy 16" barrel gives accuracy to engage targets at long ranges
- ▶ Two stage Match grade trigger
- ▶ Long one-piece Picatinny type top rail allows in-line mounting of telescopic sight and night vision optics
- ▶ Reversible, reciprocating or non-reciprocating, curved cocking handle
- ▶ Semi-auto mechanism provides rapid multiple shots
- ▶ Fully adjustable and foldable back-up iron sights

VARIANTS & OPTIONS

- ▶ Foldable buttstock allowing 2-position cheek rest height adjustment and 6-position length adjustment, or fixed, tactical buttstock allowing 8-position cheek rest height adjustment and 10-position length adjustment
- ▶ 20" barrel also available
- ▶ RFID tag or FN SmartCore® shot counter, see page 41
- ▶ FN Elity® weapon mounted ballistic calculator, see page 34
- ▶ Training solutions, see page 37

More information on FN® certified accessories on page 49



▶ FN SCAR®-H PR Mk2 with foldable, height and length adjustable buttstock



▶ FN SCAR®-H TPR Mk2 with fixed, sniper-type buttstock

	Calibre	Operating principle	Weapon length		Barrel length	Magazine capacity	Weight (without magazine)
FN SCAR®-H PR Mk2	7.62x51mm (.308)	Gas operated, rotating bolt	Extended:	970mm (38.18")	406.4mm (16")	20 rounds (option: 10 rounds)	Approx. 4.27 kg (Approx. 9.41 lb)
			Collapsed:	906mm (35.66")			
			Folded:	721mm (28.38")			

Above technical details are valid for the FN SCAR®-H PR Mk2 featuring a foldable, height and length adjustable buttstock.



AIMING

The FN® FCU Mk3 Fire Control Unit provides a complete sighting and aiming solution for 40mm LV and MV grenade launchers. It comprises a laser range finder; sensors for temperature, angles of elevation, and cant; a ballistic calculator; and a self-adjusting electronic reticle. The FN® FCU Mk3 calculates trajectory and gives an adjusted point of aim enabling the grenadier to obtain first round hits in all conditions. The 40mm grenade launcher can now achieve its full potential on the field.

The FN Elity® weapon mounted ballistic calculator is specifically designed for squad or sniper team weapons. It includes a latest generation laser range finder capable of measuring a human-size target at distances of up to 1,750m without having to change firing position. It also integrates the AFS® ballistic solver by ApexO, which guarantees optimum shooting indication in real time.

The state-of-the-art OLED display provides relevant and accurate ballistic solution including innovative wind management display (speed and direction). Alongside its aim adjustment capability, the FN Elity® replaces all other pointer accessories required in mission.

FN ELITY®

KEY BENEFITS

- ▶ Ballistic calculator for:
 - small calibre firearms (sniper and precision rifles)
 - spotting scopes
- ▶ Visible and IR laser pointers
- ▶ IR illuminator (variable light intensity and adjustable beam cone)
- ▶ Laser range finder
- ▶ Bluetooth connectivity to communicate data with smartphone, weather station and wireless keypad
- ▶ Data stored in a user-friendly dedicated Android app developed by ApexO (AFS®), expert in ballistic simulation
- ▶ Android app and adaptive OLED screen for excellent user experience
- ▶ Resistance to extreme temperatures (-33°C to +63°C, with a limitation at +50°C for the visible pointer)
- ▶ Quick and secure mounting using the standard Picatinny type rail interface
- ▶ Designed and manufactured in Europe
- ▶ Available in coyote brown or black colour



▶ FN Elity® ballistic calculator



▶ OLED display



▶ AFS® software (Android)

Dimensions and weight (excl. battery and cable)	1,550nm laser range finder	Power of lasers	Variable infrared illuminator	Ballistic solver and sensors
Length: 123mm (4.84") Width: 76mm (2.99") Height: 44mm (1.73") 400 g (< 0.90 lb)	<u>Human size NATO target:</u> 1,750m (30% reflectivity) <u>Vehicle type NATO target:</u> 2,200m (30% reflectivity)	<u>Visible laser pointer:</u> Low power: Class 1 High power: Class 3B <u>Infrared laser pointer:</u> Low power: Class 1 High power: Class 3B	3 - 90 mrad	<u>Integrated ballistic solver:</u> AFS® by Apexo <u>Weather sensors:</u> Temperature, barometric pressure, humidity <u>Movement sensors:</u> Cant angle, inclinometer, digital compass

FN® FCU Mk3

KEY BENEFITS

- ▶ Fire Control Unit for 40mm LV/MV grenades
- ▶ Maximizes first round hit probability, night and day
- ▶ Extremely reliable with no external moving parts
- ▶ Features latest generation of integrated electronic modules and user feedback
- ▶ Accurate and fast target engagement
- ▶ Automatic
 - adjustment of the reticle
 - drift effect compensation
- ▶ Lightweight, ergonomic, easy to use
- ▶ Shooter's eye always remains on target
- ▶ Quickly detachable
- ▶ Quick and easy transition between different types of grenades
- ▶ Compatible with rifles, grenade launchers and less lethal grenade launchers
- ▶ Suitable for extreme conditions (-32°C to +65°C, IP68)
- ▶ Sensors for temperature, angles of elevation, and cant
- ▶ Comes standard with specific features to ensure safe training:
 - a specific laser switch fitted with a blue screw acting as a retainer
 - a dedicated blue cable to lock all lasers in eye safe mode
- ▶ Designed and manufactured in Europe



Dimensions		Weight	Battery	Laser range		Visible laser pointer & infrared laser pointer
Length:	123mm (4.84")	Approx. 550 g (Approx. 1.21 lb)	1 x CR123	30 - 1,000m		Training: Class 1
Width:	96mm (3.77")			Laser range finder - Laser beam:	1,500nm	Combat: Class 3B (available by using a separate specific operations switch)
Height:	74mm (2.91") above rail			Laser range finder - Eye safety:	Class 1	



TRAINING

Training is an essential activity for personnel who operate or maintain small arms.

Using operational weapons for training that does not require live firing can create safety risks, and will cause wear and possibly damage to weapons that may later be used in combat.

FN Herstal proposes specific models for different types of training. These models are proposed for FN SCAR® carbines and rifles, and for the FN® 509 handgun.



PRACTICE, TRAINING and CUTAWAY Models

PRACTICE

- ▶ Will not fire any type of ammunition, so fully safe for the many different types of training that do not require the weapon to be fired
- ▶ Completely realistic size, weight and center of gravity, allowing handling and stripping as with a service weapon
- ▶ Avoids unnecessary wear and damage on service weapons for training activities that can involve rough handling and repeated dry firing
- ▶ Easily distinguished thanks to the red parts
- ▶ Available for FN® 509, FN SCAR®-SC, FN SCAR®-L Mk2

TRAINING

- ▶ Can only fire specific training cartridges with marking projectiles used for force-on-force tactical training
- ▶ Completely realistic, allowing handling as with a service weapon
- ▶ Easily distinguished thanks to the blue parts
- ▶ Available for FN® 509, FN SCAR®-SC, FN SCAR®-L Mk2

CUTAWAY

- ▶ Valuable training aid for personnel who need to understand the detailed functioning of the weapon, particularly armourers
- ▶ Openings cut out of the surface of the weapon enable the user to clearly see the movements of internal parts and assemblies during the operating cycle
- ▶ Will not fire any type of ammunition
- ▶ Available for FN® 509 and all FN SCAR® models



▶ FN SCAR®-L Practice Mk2 CQC



▶ FN SCAR®-L Training Mk2 STD



ELECTRONIC ID SYSTEMS

Small arms and associated accessories held by security forces represent a significant investment. In order to optimize management of this asset according to the customer's needs, FN Herstal has developed several identification technologies.

The RFID tag is an effective, integrated solution that optimizes both the inventory and in-and-out movements of the weapons.

The FN SmartCore® goes one step further, and also records the number of shots fired by every single weapon.

Software solutions are available to take full advantage of these new technologies and can be adapted to each customer's specific needs.

Radio Frequency Identification (RFID)

KEY BENEFITS

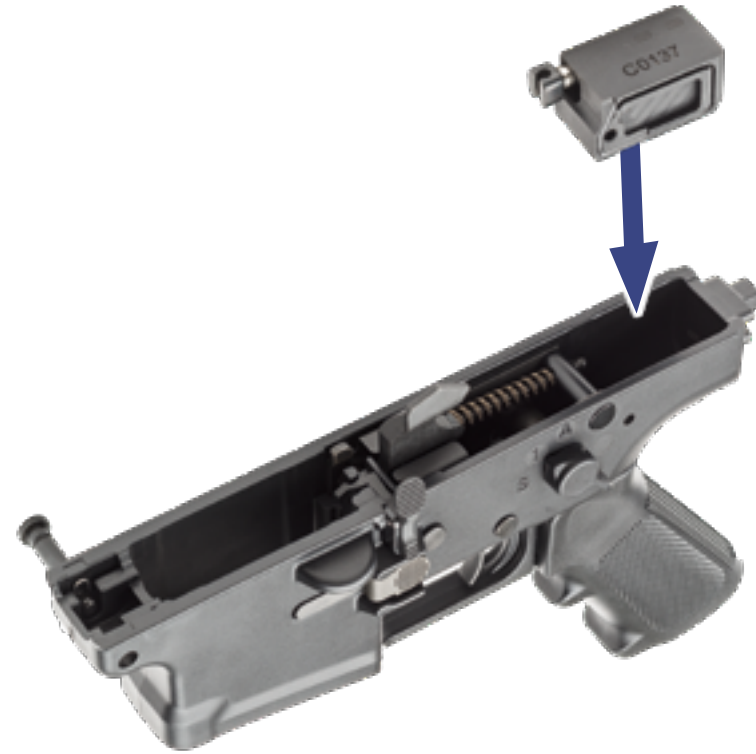
- ▶ Allows digital identification of weapons
- ▶ A tag/reader combination
- ▶ Solutions adapted to customer's specific needs: tag located in serial (receiver) or non-serial (pistol grip) numbered part
- ▶ Information such as weapon identification, person it was issued to, and armoury can be recorded as required
- ▶ Not detectable by external sources



FN SmartCore® for FN SCAR® Carbines and Rifles

KEY BENEFITS

- ▶ Shot counter designed and developed by FN Herstal
- ▶ Analyses vibrations combined with movement of parts
- ▶ Discriminates between live, blank and dry firing
- ▶ Records the number of shots fired
- ▶ Stores weapon identification data such as: serial number, type and configuration
- ▶ Not detectable by external sources
- ▶ Transparent for the weapon's user
- ▶ Maintenance free
- ▶ Customised software solutions available to take full advantage of FN SmartCore® technology such as real-time reporting



▶ FN SmartCore® integrated in the trigger module of an FN SCAR® rifle



LOT 05FN818

AMMUNITION

FN Herstal's product range for Security Forces proposes a full range of 5.7x28mm ammunition, a calibre designed and developed by FN Herstal.

Designed for optimal performance, and manufactured to the highest standards, FN ammunition is of unequalled quality - a prerequisite that must be met to ensure reliable and safe functioning of the weapon.



FMD05407

LOT 05FN818

5.7x28

10

FN® 5.7x28mm NATO

KEY BENEFITS

- ▶ Fired from the FN Five-seveN® pistol and FN P90® Tactical submachine gun
- ▶ Very high hit probability
 - Weapon-ammunition combination is highly accurate
 - Flat trajectory up to 200m (with FN P90® Tactical)
- ▶ Penetration of soft body armour (up to NIJ level IIIA)
- ▶ Reduced risk of over-penetration, ricochets and collateral damage
- ▶ Immediate stopping power
- ▶ Ability to re-engage the target rapidly both with single shots and bursts, without degrading accuracy
- ▶ Low recoil with both the pistol and submachine gun
- ▶ CIP compliant
- ▶ Calibre standardised by NATO (STANAG 4509)
- ▶ Calibre, firearms and ammunition completely designed and developed by FN Herstal



	Cartridge length	Cartridge weight	Projectile weight	Muzzle velocity with FN P90® Tactical	Muzzle velocity with FN Five-seveN® Mk3 MRD	CIP compliant
SS190 (Ball)	40.5mm (1.59")	Approx. 6.4 g (Approx. 0.21 oz)	Approx. 2.02 g (Approx. 0.07 oz)	715 m/s	615 m/s	Yes
SS192 (Soft)	40.5mm (1.59")	Approx. 6.2 g (Approx. 0.21 oz)	Approx. 1.8 g (Approx. 0.06 oz)	725 m/s	640 m/s	Yes
Sb193 (Subsonic)	40.5mm (1.59")	Approx. 8 g (Approx. 0.27 oz)	Approx. 3.9 g (Approx. 0.13 oz)	Approx. 300 m/s	Approx. 300 m/s	Yes
FR199 (Frangible)	40.5mm (1.59")	Approx. 6.7 g (Approx. 0.23 oz)	Approx. 2.3 g (Approx. 0.07 oz)	630 m/s	515 m/s	Yes



ACCESSORIES

FN Herstal proposes a full range of accessories for all its weapons. Some are designed and manufactured in-house, and others, such as optical sights, are sourced from specialised manufacturers of high-grade products.

All accessories have been certified after thorough testing on the weapon to ensure that they can be correctly attached and function reliably with no negative effects on the weapon.

SIGHTS/LIGHTS & LASER POINTERS

	HANDGUNS			SUBMACHINE GUNS	CARBINES & RIFLES			PRECISION RIFLES	LESS LETHAL		
	FN HiPer®	FN® 509	FN Five-seven® Mk3 MRD		FN P90® Tactical	FN SCAR®-SC	FN SCAR®-L Mk2		FN SCAR®-H Mk2	FN SCAR®-H PR Mk2	FN 303® Mk2
SIGHTS											
Red dot sight Micro T-2, 2 MOA				●	●	●	●		●	●	●
Red dot sight CompM4, 2 MOA					●	●	●				
Mini red dot sights	●		●								
3-12X50 PM II/P P4F scope and 20 MOA support								●			
LIGHTS & LASER POINTER											
Visible light TLR-1 or visible light with laser pointer TLR-2	●	●	●								
Visible or infrared light LED TL2				●	●	●	●	●	●	●	●

SLINGS/FOREGRIPS/BIPODS

	HANDGUNS			SUBMACHINE GUNS	CARBINES & RIFLES			PRECISION RIFLES	LESS LETHAL		
	FN HiPer®	FN® 509	FN Five-seveN® Mk3 MRD		FN P90® Tactical	FN SCAR®-SC	FN SCAR®-L Mk2		FN SCAR®-H Mk2	FN SCAR®-H PR Mk2	FN 303® Mk2
SLINGS											
Tactical sling, black, for submachine gun				●							
Tactical sling, black, 1 point					●	●	●			●	●
Tactical sling, black, 2 points - 1 point, for FN SCAR®					●	●	●	●			
Detachable tactical sling, black, 2 points - 1 point, for FN SCAR®					●	●	●	●			
Tactical sling, black, for FN 303® Mk2									●		
FOREGRIPS											
Folding foregrip, black, 7 positions					●	●	●	●			
Ergonomic pointing grip PTK					●	●	●	●			
BIPODS											
B&T adjustable bipod with quick attachment system for Picatinny type rail					●	●	●				
Harris adjustable bipod with quick attachment system for Picatinny type rail								●			
PGM adjustable bipod with quick attachment system for Picatinny type rail								●			

HOLSTERS

HOLSTERS

Rigid holsters, black, belt, thigh or concealed carrying, for FN HiPer® (right-handed or left-handed)	●												
Rigid holsters, black, belt or thigh carrying, for FN Five-seveN® Mk3 MRD (right-handed or left-handed)			●										
Rigid holsters, black, belt or thigh carrying, for FN® 509 (right-handed or left-handed)		●											
Soft holster, black or olive green, belt carrying (ambidextrous)	●	●	●										

HANDGUNS		SUBMACHINE GUNS		CARBINES & RIFLES			PRECISION RIFLES	LESS LETHAL	
FN HiPer®									
FN® 509									
FN Five-seveN® Mk3 MRD									
FN P90® Tactical									
FN SCAR®-SC									
FN SCAR®-L Mk2									
FN SCAR®-H Mk2									
FN SCAR®-H PR Mk2									
FN 303® Mk2									
FN 303® Tactical									
FN Smart ProtectoR®-303T									

MAGAZINE POUCHES

	HANDGUNS		SUBMACHINE GUNS	CARBINES & RIFLES			PRECISION RIFLES	LESS LETHAL		
	FN HiPer®	FN® 509		FN P90® Tactical	FN SCAR®-SC	FN SCAR®-L Mk2		FN SCAR®-H Mk2	FN SCAR®-H PR Mk2	FN 303® Mk2
MAGAZINE POUCHES										
Single magazine soft or rigid pouch, black, belt carrying, for 9x19mm magazine	●	●								
Double magazine soft pouch, black, belt carrying, for 9x19mm magazines	●	●								
Single or double magazine soft pouch, black, belt carrying, for FN Five-seveN® magazines			●							
Double magazine soft pouch, black, belt carrying, for FN P90® Tactical magazines			●							
Double magazine soft pouch, black, with M.O.L.L.E. system, for 30-round 5.56x45mm/.223 or 7.62x35mm/.300 BLK magazines				●	●					
Double magazine soft pouch, black, with M.O.L.L.E. system, for 20-round 7.62x51mm/.308 magazines						●	●			
Double magazine soft pouch, black, with M.O.L.L.E. system, for 10-round 7.62x51mm/.308 magazines						●	●			
Magazine pouch, black, with M.O.L.L.E. system, for FN 303® magazine								●	●	●

CASE COLLECTORS/MAGAZINES

	HANDGUNS			SUBMACHINE GUNS	CARBINES & RIFLES			PRECISION RIFLES	LESS LETHAL		
	FN HiPer®	FN® 509	FN Five-seveN® Mk3 MRD	FN P90® Tactical	FN SCAR®-SC	FN SCAR®-L Mk2	FN SCAR®-H Mk2	FN SCAR®-H PR Mk2	FN 303® Mk2	FN 303® Tactical	FN Smart Protector®-303T
CASE COLLECTORS											
Fired case collector, black, for FN P90® Tactical				●							
Fired case collector, black, for FN SCAR®					●	●	●				
Fired case collector, black, for FN SCAR®-H PR								●			
MAGAZINES											
15-round magazine 9x19mm	●										
17-round magazine, 9x19mm		●									
20-round magazine, 5.7x28mm			●								
50-round magazine and plug, 5.7x28mm				●							
20- or 30-round magazine, 7.62x35mm/.300 BLK					●						
20- or 30-round magazine, 5.56x45mm/.223					●	●					
10- or 20-round magazine, 7.62x51mm/.308							●	●			
15-round magazine, 18mm									●	●	●

LONG BARRELS, SOUND SUPPRESSORS & POUCHES FOR SOUND SUPPRESSORS

	HANDGUNS			SUBMACHINE GUNS	CARBINES & RIFLES			PRECISION RIFLES	LESS LETHAL		
	FN HiPer®	FN® 509	FN Five-seveN® Mk3 MRD		FN P90® Tactical	FN SCAR®-SC	FN SCAR®-L Mk2		FN SCAR®-H Mk2	FN SCAR®-H PR Mk2	FN 303® Mk2
LONG BARRELS, SOUND SUPPRESSORS & POUCHES FOR SOUND SUPPRESSORS											
Fluted long barrel for FN HiPer®	●										
Sound suppressor and soft pouch for FN HiPer®	●										
Fluted long barrel for FN Five-seveN® Mk3 MRD			●								
Sound suppressor for FN Five-seveN® Mk3 MRD			●								
Soft pouch, black, for FN Five-seveN® Mk3 MRD sound suppressor			●								
Sound suppressor for FN P90® Tactical				●							
Soft pouch, black, for FN P90® Tactical sound suppressor				●							
Sound suppressor and soft pouch, black, for FN SCAR® 7.62x35mm/.300 BLK					●						
Sound suppressor and soft pouch, black, for FN SCAR® 5.56x45mm/.223					●	●					
Sound suppressor and soft pouch, black, for FN SCAR® 7.62x51mm/.308							●	●			

CARRYING BAGS & CASES

	HANDGUNS			SUBMACHINE GUNS	CARBINES & RIFLES			PRECISION RIFLES	LESS LETHAL		
	FN HiPer®	FN® 509	FN Five-seveN® Mk3 MRD		FN P90® Tactical	FN SCAR®-SC	FN SCAR®-L Mk2		FN SCAR®-H Mk2	FN SCAR®-H PR Mk2	FN 303® Mk2
CARRYING BAGS & CASES											
Cardboard box	●										
Carrying case		●	●								
Carrying bag, black, for FN P90® Tactical or FN SCAR®-SC				●	●						
Carrying bag, black, for FN SCAR®						●	●				
Drag bag with shooting mat, black, for FN SCAR®-H PR								●			
Carrying case, black, for FN SCAR®-H PR								●			
Backpack, black									●	●	●

BUTTSTOCKS/MISCELLANEOUS

	HANDGUNS			SUBMACHINE GUNS	CARBINES & RIFLES			PRECISION RIFLES	LESS LETHAL		
	FN HiPer®	FN® 509	FN Five-seveN® Mk3 MRD		FN P90® Tactical	FN SCAR®-SC	FN SCAR®-L Mk2		FN SCAR®-H Mk2	FN SCAR®-H PR Mk2	FN 303® Mk2
BUTTSTOCKS											
Standard telescopic buttstock, black					●	●	●			●	●
Short telescopic buttstock, black					●	●	●			●	●
Foldable, length and height adjustable buttstock FN SCAR®, black, with convex butt plate					●	●	●			●	●
Foldable, length and height adjustable buttstock FN SCAR®, black, for use with visor helmet					●	●	●			●	●
Fixed, length and height adjustable buttstock FN SCAR®, black, with concave butt plate					●	●	●				
Tactical buttstock FN SCAR®-H TPR, black								●			
MISCELLANEOUS											
Lateral rail MIL-STD-1913									●	●	●
Diving bottle									●	●	●
Yoke filler									●	●	●
Compressed air tank, black									●	●	●



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