MRF Xe™
MICRO RANGE FINDER - ENHANCED - LOW POWER

PRODUCT OVERVIEW

The Wilcox MRF™ Xe™ is the next generation in the MRF line of products. As a class 3R low power laser aiming device, the MRF Xe is designed specifically for the military and law enforcement markets.

The MRF Xe is a smaller, lighter, stronger laser ranging device with uncompromising performance superior to its predecessor. The built-in networking capabilities and user interface give the MRF Xe superior maintenance and replenishment connectivity with key auxiliary devices. These leading-edge features increase the warfighter's lethality and situational awareness.

Weapon and bullet information can be entered into the MRF Xe through any paired mobile device and with the application of proprietary third party software. Once the data is entered, the MRF Xe captures both the environmental conditions transmitted from the sensor suite and the distance to the target transmitted by the precision laser range finder to the onboard computer instantly providing a ballistic solution to the user.

The MRF Xe is available in low power red laser configuration for easy boresight alignment. The red laser and laser range finder are housed in a unique optical bench that is environmentally stable in complex combat conditions.

The MRF Xe can be paired with various sighting products on the market providing a ballistic solution to a device that can disturb the reticle for faster engagements and maximized lethality.

When the MRF Xe product is securely mounted on any Picatinny style 1913 rail, it provides rock-solid boresight retention to the weapon.

Approved for Public Release
PRODUCT ILLUSTRATED
WITH LASER SAFETY COVER ASSEMBLY
(COVER OPEN)

PRODUCT ILLUSTRATED
WITH LASER SAFETY COVER ASSEMBLY
(COVER CLOSED)

FEATURES & BENEFITS

■ One optical bench houses the red VIS laser and LRF
■ Optical bench is aligned to weapon by one windage and one elevation adjustment
■ Powered by one (1) CR123 3V battery
■ Mounts to any 1913 Picatinny rail secured by 2 shock nuts
■ Multi-function keypad provide flexibility in programming custom options
■ Five (5) selectable pulse modes on VIS laser settings
■ Selectable or auto adjustable laser brightness settings
■ Security tethered loop tie down
■ Bluetooth interface provides key information on mobile devices and connectivity to auxiliary devices
■ User interchangeable modular visor/laser safety cover
■ On-board ballistic computer calculates temperature, pressure, humidity, inclination, cant and heading
■ Eye safe LRF operation measures 2000 meters to a man-sized target
■ Large OLED display outputs ballistic solution in MIL, MOA & INCHES
■ Programmable database stores up to 30 rifle and ammo profiles
■ Remote port accepts Wilcox line of ERGOCTO™ Xe™ Activation Keypads and ERGOCTO Xe Control Grips (optional)

SPECIFICATIONS - LOW POWER

Battery Life: Over 8 Hrs
Immersion: 1 meter for 1 hour
Boresight Retention: < .5 mrad
Laser Type: Diode Based Laser Transmitter & APD Receiver
Diode Based Laser Transmitter & APD Receiver
Laser Classification/Wavelength: Class 1/1.55um
Beam Divergence: < 1 mrad
Minimum Range: 5 meters
Ranging Operation at 24C: > 1800 ranges
Max Range @ 30% Reflectivity: 2000 meters Man Size Target
Max Range @ 30% Reflectivity: 3000 meters NATO Size Target
Laser Type/Wavelength/Power*: Red Visible Laser /640nm/< 5mW

* Please contact Wilcox customer service for other power output requirements.

Available Colors: C

PRODUCT DESCRIPTION | PART NUMBER
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MRF Xe - LOW POWER RED LASER | 42800G10

OPTIONAL EQUIPMENT | PART NUMBER
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ERGOCTO Xe SINGLE 3 BUTTON ACTIVATION KEYPAD - 12" CABLE | 68401601
ERGOCTO Xe DUAL 3 BUTTON ACTIVATION KEYPAD - 12" CABLE | 68401603
ERGOCTO Xe SINGLE CONTROL ACTIVATION GRIP - 7" CABLE | 68401611
ERGOCTO Xe DUAL CONTROL ACTIVATION GRIP - 7" CABLE | 68401612

Reference TDS333 to view the benefits of Blueforce® BTAC technology

IN PARTNERSHIP WITH:

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