



MICRO RANGE FINDER - ENHANCED - LOW POWER



PRODUCT ILLUSTRATED
IN COYOTE (-C)
WITH VISOR ASSEMBLY
(VISOR OPEN)



size reference



PRODUCT ILLUSTRATED
IN BLACK (-B)
WITH VISOR ASSEMBLY
(VISOR CLOSED)

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 by DOD



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25 PISCATAQUA DRIVE | NEWINGTON NH, 03801 | 603.431.1331 | WWW.WILCOXIND.COM



PRODUCT ILLUSTRATED
WITH LASER SAFETY COVER ASSEMBLY
(COVER OPEN)



PRODUCT ILLUSTRATED
WITH LASER SAFETY COVER ASSEMBLY
(COVER CLOSED)

FEATURES & BENEFITS

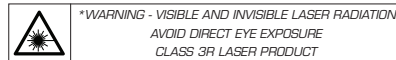
- One optical bench houses the red VIS laser and LRF
- Optical bench is aligned to weapon by one windage and one elevation adjustment
- Powered by one (1) CR123 3V battery
- Mounts to any 1913 Picatinny rail secured by 2 shock nuts
- Multi-function keypad provide flexibility in programing custom options
- 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
 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



Available Colors: -C

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

OPTIONAL EQUIPMENT	PART NUMBER
ERGOCTO Xe SINGLE 3 BUTTON ACTIVATION KEYPAD - 12" CABLE	68401G01
ERGOCTO Xe DUAL 3 BUTTON ACTIVATION KEYPAD - 12" CABLE	68401G03
ERGOCTO Xe SINGLE CONTROL ACTIVATION GRIP - 7" CABLE	68401G11
ERGOCTO Xe DUAL CONTROL ACTIVATION GRIP - 7" CABLE	68401G12

Reference [TDS333](#) to view the benefits of Blueforce® BTAC technology

