AIMPOINT® MICRO H-1



AIMPOINT® MICRO H-1

Art.No	11910/200018
Aiming dot size	2 or 4 MOA
Battery type	3V lithium battery, type CR2032.
Battery life - Day time use	50 000h (over 5 years of continuous use)

OVERVIEW

The Aimpoint® Micro H-1 was designed with the hunter in mind. These sights are the lightest red dot sights tough enough to carry the Aimpoint name.

Since its introduction in 2007, the Micro H-1 has become a very popular hunting sight worldwide due to its size, light weight and robust build quality.

The Aimpoint Micro H-1 is also available as an alternative configuation with Blaser original saddle mount. Micro H-1 with Blaser mount, Art.No. 200090.

Launched 2007.

UNIQUE FEATURES

- Lightweight – 84 g without mount and 105 g with mount
- Integral Weaver-style base allows easy attachment
- ACET technology allows 50,000 hours of operation on one battery
- Available in 2 dot sizes (2 and 4 MOA)
- Fully waterproof
- Patent pending mount is keyed to the sight body to absorb recoil
- Precision adjustment for windage and elevation: top of protective caps fits into holes on adjustment screws – no other tool required
- 12 settings for use in daylight and low light conditions

AIMPOINT® MICRO H-1

TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS
Art.No: 11910/200018

OPTICAL SPECIFICATIONS
Operating principle: Reflex collimator sight with LED
Optical magnification: 1x
Aiming dot size: 2 or 4 MOA
Dot intensity: Visible against a background luminance of 0.1 to 55 000 lx
Dot color: Peak Wavelength: 650 ± 10 nm
NVD compatible: No
Optical coating: Anti-reflex, all surfaces and multi-layer.
Clear aperture: 20 mm (.8 in)
Eye relief: Unlimited

POWER SOURCE
Battery type: 3V lithium battery, type CR2032.
Battery life - Day time use: 50 000h (over 5 years of continuous use)
Power intensity: 1 Off position and 12 daylight settings

PHYSICAL SPECIFICATIONS
Length sight only: 62 mm (2.4 in)
Length conf: 69 mm (2.7 in)
Width: 41 mm (1.6 in)
Height sight only: 36 mm (1.4 in)
Height conf: 41 mm (1.6 in)
Weight sight only (incl battery): 84 g (3.0 oz)
Weight conf: 116 g (4.1 oz) incl lens covers and mount
Housing material: High strength Aluminum
Housing finish and color: Semi-matte black
Material mount and spacer std conf: High strength Aluminum
Surface treatment: Anodized, semi matte
Height of optical axis - sight and mount: 18 mm (.7 in) over top surface of Picatinny/Weaver Rail
Height of optical axis - sight, mount and low spacer: Spacer low: 48 mm (1.9 in) over top surface of Picatinny/Weaver Rail
Height of optical axis - sight, mount and high spacer: Spacer high: 57 mm (2.2 in) over top surface of Picatinny/Weaver Rail
Adjustment: Range ±1 m at 100 meters (±1 yds at 100 yds) in windage and elevation, 1 click = 13 mm at 100 meters = 10 mm at 80 meters = .4 in at 100 yds

ENVIRONMENTAL SPECIFICATIONS
Temperature range operation: -30°C to 60°C (-20°F to 140°F)
Temperature range storage: -51°C to 71°C (-60°F to 160°F)
Temperature shock: Operable after a temperature shock between -45°C and +71°C. Duration: 4h of Hot +71°C, 4h of Cold -45°C. Cycling: 3 times
Humidity: Operates despite humidity. Limits: RH: 95%, Temp: 20ºC to 50 ºC, cyclic
Submersible: To a depth of 5 m (15 ft)
Shock: The unit is operable before and after shock. Limits: X-axis: 500 g, 0.7 - 1.1 ms (3 shocks), Y-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction, Z-axis: 40g ±4g, 11 ±1ms, 2 shocks in each direction. Functional during exposure (room temperature)
Vibration: The unit operates despite vibration. Limits: Vibration, sinusoidal in a frequency range of 10-150 Hz. Frequency: 10-30 Hz, ±1.587 mm, Frequency: 30-150 Hz. 5.75 g, 1 octave/min
Chemical resistance: Withstands occasional contamination of: Hydraulic oil (FSD 8407, Tryckolja 021), Lubricating oil (FSD 8127, Motorolja 5W/30), Lubricating oil (FSD 8220, Smörjfett 220), Lubricating oil (Break Free), Fuels (FSD 8612, Diesel fuel oil), Solvents/cleaning (FSD)