

ACRO P-1

AIMPOINT® ACRO P-1



AIMPOINT® ACRO P-1

Art.No	200504
Aiming dot size	3.5 MOA
Battery type	3V lithium battery, type CR1225
Battery life - Day time use	1,5 years (15 000h) of continuous use at pos. 6, more than 6 months at pos. 7 and more than 8 years at NVD-setting (pos. 1-4)

OVERVIEW

The Aimpoint® Acro P-1 is developed for use on pistols and other weapon platforms requiring a small enclosed red dot system. It is the only sight in its size category fully tested for shock, vibration, temperature span and other environmental stress.

The Acro P-1 is the smallest enclosed system on the market.

Tested with 20,000 rounds on a .40 cal pistol slide, this small optic has proven to lead in ruggedness and reliability in its category.

The Acro P-1 can be used as a backup sight for magnifying scopes, personal defense weapons, and any area where a small red dot system is applicable.

Launched 2018.

UNIQUE FEATURES

- Optimized for pistol and applications which require a low profile red dot system
- The only fully enclosed system in its size on the market
- Designed for direct integration onto pistol slides
- Over 1-year battery operation on position 6 of 10
- Battery installation while optic is still mounted on weapon
- NVD compatible
- Submersible to a depth of 25 m (82 ft)

M02878

AIMPOINT® ACRO P-1

TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS
Art.No: 200504
OPTICAL SPECIFICATIONS
Operating principle: Reflex collimator sight with LED
Optical magnification: 1x
Aiming dot size: 3.5 MOA
Dot intensity: Visible against a background luminance of 0.1 to 55 000 lx
Optical signature: No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD 3
Dot color: Peak Wavelength: 650 ± 10 nm
NVD compatible: Yes
Optical coating: Anti-reflex, all surfaces and multi-layer. NVD-Compatible 1, 2, 3
Clear aperture: 16 × 16 mm (0.63 × 0.63 in)
Eye relief: Unlimited

POWER SOURCE
Battery type: 3V lithium battery, type CR1225
Battery life - Day time use: 1,5 years (15 000h) of continuous use at pos. 6, more than 6 months at pos. 7 and more than 8 years at NVD-setting (pos. 1-4)
Power intensity: 4 NVD and 6 Daylight, of which 1 extra bright
PHYSICAL SPECIFICATIONS
Length sight only: 47 mm (1.9 in)
Width: 30 mm (1.2 in)
Height sight only: 30 mm (1.2 in)
Weight sight only (incl battery): 60 g (2.1 oz)
Housing material: High Strength Aluminum
Housing finish and color: Matte black to dark gray
Housing anodized: Yes
Surface treatment: Anodized, matte
Adjustment: Range ± 1 m at 100 meters (± 1 yds at 100 yds) in windage and elevation, 1 click = 17 mm at 100 meters = .6 in at 100 yds

ENVIRONMENTAL SPECIFICATIONS
Temperature range operation: -45°C to 71°C (-49°F to 160°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.
Humidity: Operates despite humidity. Limits: RH: 95%, Temp: 20°C to 50°C, cyclic
Submersible: To a depth of 25 m (82 ft.)
Shock: Tested with 20,000 rounds on a .40 cal pistol slide
Vibration: 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