



Acro P-1™

3.5 MOA - Red Dot Reflex Sight
with Integrated Acro™ Interface

- 3.5 MOA dot size
- 15,000 hours (over 1.5 years) of constant operation
- 4 night vision compatible settings and 6 daylight settings
- Weight 60 g (2.1 oz) sight only Submersible to 25 meters (80 feet)
- Height of Optical Axis 14 mm (0.6 in) measured from top surface of mechanical interface
- Optimized for pistol and applications which require a low-profile red dot system

INCLUDES: CR1225 Battery, Aimpoint® Tool

ITEM NO. 200504

PRODUCT OVERVIEW

Aimpoint® Acro P-1 was developed for use on pistols and other weapon platforms requiring a small low-profile red dot system.

The Acro P-1 is smallest professional grade enclosed system on the market, fully tested for shock, vibration, temperature span and other environmental stress. In addition to use as a primary optic on handguns, the Acro P-1™ can be mounted on carbines, shotguns, rifles, or utilized as a backup sight on magnified scopes and thermal imagers. The Acro P-1 has a precise 3.5 MOA dot and can be mounted on a wide range of weapon platforms in combination with different mounting solutions developed especially for this small red dot optic.

The Acro P-1 is a small fully enclosed system with leading ruggedness and reliability.

Launched: 2018

KEY FEATURES

- The only professional grade fully enclosed system in its size on the market
- Variety of mounting options sold separately
- Sealed optical channel protects the optic from rain, mud, sand or snow
- Fully enclosed housing protects all electronic components of the sight from all elements.
- Easily zeroed with the Aimpoint tool that comes with the sight. Adjustment clicks you can hear and feel
- Battery can be quickly changed without removing optic
- Matches perfectly with Aimpoint® 3XMag-1 and 6XMag-1 magnifiers
- Anodized high strength aluminum housing, semi-matte black
- NVD compatible

TECHNICAL

SPECIFICATIONS

MOUNTING SPECIFICATIONS

Mounting Solution Integrated Acro™ Interface

Torque - Mount to Sight 3.0 Nm / 27 in-lbs

Mounting Platform Acro™ Interface

Torque - Mount to Rail 3.0 Nm / 27 in-lbs

ENVIRONMENTAL SPECIFICATIONS

Submersible to 25 m / 80 ft

Radioactive Material None

Temperature Range Storage - 51°C to + 71°C / - 60°F to + 160°F

Humidity - Operable during and after Humidity. Limits: Operable during and after Humidity. Limits: RH: 95%, Temp: +20°C to +50°C (+68°F to +122°F), cyclic

Vibration - Withstands vibration. Limits: Withstands 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. Direction: X, Y and Z, Time: 30 min/direction.

Laser None

Temperature Range Operation - 45°C to + 71°C / - 49°F to + 160°F

Temperature Shock Operable after a temperature shock between - 45°C and + 71°C / - 49°F and + 160°F

Shock - Operable before and after shock. Limits: Tested with 20,000 rounds mounted on a .40 S&W caliber pistol slide

Chemical Resistance Withstands occasional contamination by weapons cleaners, lubricants, fuels and insect repellents.

PHYSICAL SPECIFICATIONS

Size L x W x H 47 x 30 x 31 mm

Weight 60 g (without mounting solution)

Size L x W x H - Sight Only 47 x 30 x 31 mm

Weight - Sight Only 60 g

Material Housing and Tube High Strength Aluminum

Color Housing Black

Height of Optical Axis 14 mm / 0.6 in measured from top surface of mounting platform

Size L x W x H 1.9 x 1.2 x 1.2 in

Weight 2.1 oz (without mounting solution)

Size L x W x H - Sight Only 1.9 x 1.2 x 1.2 in

Weight - Sight Only 2.1 oz

Surface Finish Housing Anodized, Semi-Matte

Lens Covers Not Included

Adjustment 1 Click = 17 mm at 100 m / 0.6 in at 100 yds

POWER SOURCE SPECIFICATIONS

Battery Life More than 1.5 year of use on setting 6

Power Switch Push Buttons

Daylight (DL) Settings 6

Battery Type CR1225, 3V, Lithium

Night Vision Device (NVD) Settings 4

OPTICAL SPECIFICATIONS

Dot Size 3.5 MOA

Night Vision Device (NVD) Compatible Yes

Eye Relief Unlimited

Dot Color Peak Wavelength: 655 ± 15 nm

Optical Coating Anti-reflex coating all surfaces and multilayer coating objective lens

Clear Aperature 16 x 16 mm / 0.63 x 0.63 in

Magnification 1X - No Magnification

Transmission Average 70% in the range 420 - 900 nm

Diode LED (Light Emitting Diode) totally eye safe

Light Source Wavelength 650 nm red light

Optical Signature No optical signature is visible at 10 meter distance, front side, on appropriate settings with NVD

Parallax Absence of parallax - No centering required

TECHNOLOGY SPECIFICATIONS

Operating Principle Reflex collimator sight - red dot sight
