

## Acro C-1™

### 3.5 MOA - Red Dot Reflex Sight

- 3.5 MOA dot size
- 15,000 hours (over 1.5 years) of constant operation
- 2 night vision compatible settings and 8 daylight settings
- Weight 60 g (2.1 oz) sight only
- Submersible to 5 meters (15 feet)
- Height of Optical Axis 14 mm (0.6 in) measured from top surface of mounting platform
- Optimized for pistol and applications which require a low-profile red dot system

INCLUDES: CR1225 Battery, Aimpoint® Tool

## PRODUCT OVERVIEW

The Aimpoint® Acro C-1 is a fully enclosed red dot system that takes up minimal space on any weapon platform.

Acro C-1 has a precise 3.5 MOA dot. It is developed and optimized for use on optic ready pistols in combination with an Acro adapter plate. However, the wide range of available mounting solutions for the Acro series makes it an all-round sight that can be used on several weapon platforms such as shotguns, rifles or utilized as a secondary sight on magnified scopes. The enclosed system makes it reliable and operational in any weather conditions and being tested with 20,000 rounds on a .40 S&W caliber pistol slide, this small optic has proven to lead in ruggedness and reliability.

The Aimpoint Acro C-1 is a lightweight, low-profile optic that provides fast target acquisition and an unlimited field of view for hunters as well as sport shooters. They all rely on the Acro advantage.

Launched: 2019

## KEY FEATURES

- Fully enclosed system
- Variety of mounting options sold separately
- Designed for direct integration in combination with adapter plates onto optic ready pistol slides
- Easily zeroed with the Aimpoint tool that comes with the sight. Adjustment clicks you can hear and feel
- Can be mounted on any Aimpoint Micro sight mount via the Acro base plate with Micro interface.
- Piggyback solutions for magnified rifle scopes
- Battery installation while optic is still mounted on weapon
- Anodized high strength aluminum housing, semi-matte black
- NVD compatible

## TECHNICAL

# SPECIFICATIONS

### 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

### OPTICAL SPECIFICATIONS

**Dot Size** 3.5 MOA

**Magnification** 1X - No Magnification

**Transmission** Average 60% in the range 420 - 700 nm

**Diode** LED (Light Emitting Diode) totally eye safe

**Light Source Wavelength** 650 nm red light

**Clear Aperature** 16 x 16 mm / 0.63 x 0.63 in

**\* MOA (minute of angle)** 1 MOA  $\approx$  30 mm at 100 meters  $\approx$  1 in at 100 yards

**Night Vision Device (NVD) Compatible** Yes

**Eye Relief** Unlimited

**Dot Color** Red

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

**Parallax** Operationally parallax free – No centering required

### POWER SOURCE SPECIFICATIONS

**Battery Life** More than 1.5 year of use on setting 6

**Power Switch** Push Buttons

**Daylight (DL) Settings** 8

**Battery Type** CR1225, 3V, Lithium

**Night Vision Device (NVD) Settings** 2

**Start Setting Position** 7 of 10

### 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

### TECHNOLOGY SPECIFICATIONS

**Operating Principle** Reflex collimator sight - red dot sight

## ENVIRONMENTAL SPECIFICATIONS

# Aimpoint

Subcompact 15 m / 15 ft

**Radioactive Material** None

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

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

**Vibration** 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** No Laser Emission

**Temperature Range Operation** - 30°C to + 60°C / - 20°F to + 140°F

**Temperature Shock** Operable after a temperature shock between - 30°C and + 60°C / - 22°F and + 140°F

**Shock** 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.