

Umarex P2P HDP .50 Caliber Air Pistol

Umarex P2P HDP .50 Caliber Powder Ball Air Pistol Instruction Manual

Model: P2P HDP .50 Caliber Air Pistol

1. SAFETY INFORMATION

WARNING: This is not a toy. Misuse may cause serious injury or death. Always treat this air pistol with the same respect as a firearm. Read and understand all instructions before use.

- Always wear appropriate eye protection when handling or operating this air pistol.
- Keep fingers off the trigger until ready to fire.
- Never point the air pistol at anything you do not intend to shoot.
- Ensure the area behind your target is clear and safe.
- Store the air pistol unloaded and uncharged in a secure location, out of reach of children and unauthorized users.
- Do not modify the air pistol. Any modifications may compromise safety and performance.
- Use only .50 caliber powder balls or rubber balls designed for this air pistol. Do not use unauthorized projectiles.
- CO2 cartridges can be dangerous if mishandled. Follow all instructions for CO2 installation and removal.

2. PRODUCT OVERVIEW

The Umarex P2P HDP .50 Caliber Powder Ball Air Pistol is designed for training and practice with .50 caliber powder balls or rubber balls. It features a CO2 activation system for quick readiness.



Figure 2.1: Front-side view of the Umarex P2P HDP .50 Caliber Powder Ball Air Pistol.



Figure 2.2: The air pistol shown with .50 caliber powder balls, rubber balls, and 12g CO2 cartridges (not included).

Key Features:

- Shoots .50 caliber powder balls or rubber balls.
- Easy loading mechanism.
- Integrated trigger safety.
- CO2 activation system for immediate readiness.

3. SETUP AND LOADING

3.1 Installing the CO2 Cartridge

1. Ensure the air pistol is unloaded and pointed in a safe direction.
2. Unscrew the CO2 cap at the bottom of the grip.



Figure 3.1: The CO2 cap detached from the pistol grip.

3. Insert one 12g CO2 cartridge into the grip with the narrow end facing up.



Figure 3.2: A 12g CO2 cartridge being placed into the pistol's grip.

4. Screw the CO2 cap back on. Tighten it until snug, but avoid overtightening, as this can damage the seal or prevent CO2 flow. The CO2 cartridge is now housed but not activated.

3.2 Loading Projectiles

1. Ensure the air pistol is pointed in a safe direction.
2. Pull the follower back from the front of the barrel.



Figure 3.3: The loading chamber of the air pistol in the open position.

3. Insert up to six .50 caliber powder balls or rubber balls into the loading chamber.



Figure 3.4: A detailed view of the internal loading mechanism.

4. Slowly release the follower back into position. The air pistol is now loaded.

4. OPERATING INSTRUCTIONS

4.1 Activating CO2

To activate the CO2 cartridge, firmly tap the bottom of the CO2 cap against a hard surface. This punctures the cartridge, making the air pistol ready to fire. Only activate the CO2 when you intend to use the air pistol immediately.

4.2 Firing the Air Pistol

1. Ensure the CO2 is activated and the air pistol is loaded.
2. Aim at a safe and appropriate target.
3. Pull the trigger. The trigger safety is disengaged as the trigger is pulled.
4. After firing, if more shots are desired, ensure the air pistol remains pointed in a safe direction and continue to fire until empty or until the CO2 pressure is depleted.

5. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your Umarex P2P HDP air pistol.

- **Cleaning:** Periodically clean the exterior of the air pistol with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
- **Barrel Cleaning:** If projectiles become stuck or accuracy decreases, use a cleaning rod or the provided

tool to gently clear the barrel.



Figure 5.1: The loading tool, which can also be used for clearing stuck projectiles.

- **CO2 Seal Care:** Apply a drop of silicone oil to the tip of new CO2 cartridges before insertion to help maintain the integrity of the internal seals.
- **Storage:** Always store the air pistol unloaded and with the CO2 cartridge removed (and depleted if activated). Store in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Air pistol does not fire or fires weakly.	CO2 cartridge not activated or empty. CO2 cap overtightened.	Ensure CO2 cartridge is new and activated. Do not overtighten the CO2 cap; tighten until snug. Replace empty cartridge.
Projectile stuck in the barrel.	Deformed projectile or improper loading.	Use the provided loading tool or a cleaning rod to gently push the projectile out from the muzzle end. Ensure only recommended .50 caliber projectiles are used.
CO2 cap difficult to remove after activation.	Pressure build-up from activated CO2.	Ensure all gas is depleted by firing the air pistol until no more pressure is felt. If still stuck, seek professional assistance. Avoid overtightening the cap during installation.
Inconsistent accuracy.	Dirty barrel, inconsistent projectiles, or low CO2 pressure.	Clean the barrel. Use high-quality, consistent .50 caliber projectiles. Replace CO2 cartridge if pressure is low.

7. SPECIFICATIONS

Feature	Detail
Brand	Umarex
Model Name	P2P HDP .50 Caliber Air Pistol
Caliber	.50 Caliber
Power Source	12g CO2 Cartridge
Capacity	6 Rounds
Barrel Material	Alloy Steel
Frame Material	Polymer

Feature	Detail
Item Weight	2.25 Pounds
Product Dimensions (LxWxH)	2.5" x 10" x 10.25"
UPC	723364923050
Part Number	2292305

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase accessories and replacement parts, please visit the official Umarex website or contact Umarex customer service. Keep your purchase receipt for warranty claims. You can find more information and contact details on the [Umarex Store on Amazon](#).

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Related Documents - P2P HDP .50 Caliber Air Pistol

 <p>PAINTBALL GLOCK PROTECTION GLOCK 17</p>	<p>GLOCK 17 Gen5 Paintball Pistol Operating Instructions Comprehensive operating instructions and technical specifications for the officially licensed GLOCK 17 Gen5 paintball pistol by Umarex. Covers safety, maintenance, troubleshooting, and parts.</p>
 <p>UMAREX SA177 BB REPEATER AIRGUN</p>	<p>Umarex SA177 BB Repeater Owner's Operation Manual Comprehensive owner's operation manual for the Umarex SA177 BB Repeater airgun, covering safety, operation, maintenance, and specifications. Learn how to safely load, fire, and care for your air pistol.</p>
 <p>PAINTBALL GLOCK PROTECTION GLOCK 17 CO2 AIRGUN .177 cal.</p>	<p>GLOCK 17 CO2 Airgun Owner's Manual and Safety Guide Comprehensive owner's manual and safety guide for the GLOCK 17 CO2 Airgun (.177 caliber, 4.5mm). Includes detailed instructions on operation, safety, maintenance, troubleshooting, specifications, and warranty information.</p>
 <p>WALTHER CP99 COMPACT AIRGUN</p>	<p>Walther CP99 Compact Owner's Operation Manual Comprehensive owner's manual for the Walther CP99 Compact CO2-powered air pistol, covering safety, operation, maintenance, and specifications.</p>



[GLOCK 19 CO2 Airgun Owner's Manual | Safety, Operation, and Maintenance](#)

Comprehensive owner's manual for the GLOCK 19 CO2 Airgun (.177 caliber). This guide covers essential safety instructions, detailed operation procedures, maintenance tips, troubleshooting, and warranty information provided by Umarex USA.



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