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› [Umarex](#) /

› Umarex Ruger Impact Max .22 Caliber Pellet Gun Air Rifle with 4x32mm Scope Instruction Manual

Umarex 2230167

Umarex Ruger Impact Max .22 Caliber Pellet Gun Air Rifle

Official Instruction Manual

INTRODUCTION

The Umarex Ruger Impact Max .22 Caliber Pellet Gun Air Rifle is designed for reliable and powerful performance. It features a TNT Power System for smooth operation, an enhanced SilencAir 5-chamber noise dampener for reduced muzzle noise, and a durable hardwood stock. This air rifle is capable of shooting .22 caliber pellets at velocities up to 1050 feet per second and comes equipped with fiber optic sights and a 4x32mm scope for improved accuracy.



Figure 1: Umarex Ruger Impact Max .22 Caliber Pellet Gun Air Rifle with mounted scope.

SAFETY INFORMATION

Always prioritize safety when handling any air rifle. Failure to follow these safety guidelines can result in serious injury or death.

- **Treat every air rifle as if it were loaded.** Never assume an air rifle is unloaded.
- **Keep the muzzle pointed in a safe direction.** Never point an air rifle at anything you do not intend to shoot.
- **Keep your finger off the trigger until ready to shoot.** Rest your finger outside the trigger guard.
- **Be sure of your target and what is beyond it.** Pellets can travel significant distances and penetrate objects.
- **Wear appropriate eye protection.** Safety glasses are mandatory for both the shooter and bystanders.
- **Store air rifles and pellets separately and securely.** Keep them out of reach of children and unauthorized users.
- **Never shoot at hard surfaces or water.** Pellets can ricochet.

- **Do not alter or modify the air rifle.** Any modifications can compromise safety and performance.
- **Read the entire manual before use.** Understand all operating procedures and safety warnings.

COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Ruger Impact Max air rifle.



Figure 2: Rear view of the air rifle, highlighting the stock and scope.

Barrel: The tube through which the pellet travels. Features an integrated SilencAir 5-chamber noise dampener.

Stock: The wooden body of the rifle, providing a grip and support. Equipped with a comfortable rubber buttplate.

Trigger: The mechanism that, when pulled, releases the firing pin.

Safety: An automatic mechanism that prevents accidental firing. Always engage the safety when not ready to shoot.

Fiber Optic Sights: Integrated front and rear sights for aiming without the scope.

Scope (4x32mm): An optical device for magnified aiming, included with mounting rings.

TNT Power System: The internal gas piston system that provides consistent power for each shot.

SETUP

1. Scope Mounting

1. Ensure the air rifle is unloaded and the safety is engaged.
2. Attach the scope mounting rings to the rifle's dovetail rail. Ensure they are securely tightened but do not overtighten.
3. Place the 4x32mm scope into the lower half of the rings.
4. Place the upper half of the rings over the scope and loosely tighten the screws.
5. Adjust the scope's position for proper eye relief (the distance between your eye and the scope's eyepiece when

shouldering the rifle).

6. Rotate the scope until the reticle (crosshairs) is level.
7. Once positioned correctly, tighten all scope ring screws evenly and firmly.

2. Initial Barrel Break-in

It is recommended to shoot approximately 100-200 pellets through the air rifle to allow the barrel to "break-in." This process helps to smooth the barrel's interior and improve accuracy over time.

OPERATING INSTRUCTIONS

1. Loading and Cocking

1. **Ensure Safety:** Always point the muzzle in a safe direction.
2. **Break the Barrel:** Firmly grasp the muzzle end of the barrel and pull it downwards until it locks into the cocked position. This action will automatically engage the safety.
3. **Insert Pellet:** Place one .22 caliber pellet into the breech end of the barrel. Ensure the pellet is seated correctly with the skirt facing the rear.
4. **Close the Barrel:** Return the barrel to its original horizontal position, ensuring it locks securely.

2. Firing

1. **Aim:** Align your sights (fiber optic or scope) with your target.
2. **Disengage Safety:** Push the automatic safety button to the "FIRE" position.
3. **Fire:** Gently squeeze the trigger until the air rifle fires.
4. **Re-engage Safety:** After firing, or if you decide not to shoot, immediately re-engage the safety.

3. Adjusting Sights/Scope

To achieve optimal accuracy, you will need to zero your scope or adjust your fiber optic sights. Refer to the scope's specific manual for detailed adjustment procedures. Generally, windage (left/right) and elevation (up/down) adjustments are made using turrets on the scope.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your air rifle.

- **Barrel Cleaning:** After approximately 250-500 shots, clean the barrel using a .22 caliber cleaning kit. Use a cleaning rod with a patch and appropriate airgun cleaning solvent. Do not use wire brushes, as they can damage the rifling.
- **Exterior Cleaning:** Wipe down the exterior of the air rifle with a clean, soft cloth after each use to remove dirt, dust, and moisture. A light coat of silicone oil can be applied to metal parts to prevent rust.
- **Lubrication:** Periodically apply a small amount of silicone oil to pivot points and moving parts as recommended in the manual. Avoid over-lubrication.
- **Storage:** Store the air rifle in a cool, dry place, preferably in a gun case, with the safety engaged and unloaded. Keep it separate from pellets and out of reach of unauthorized individuals.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Air rifle does not cock.	Barrel not fully broken down or locked.	Ensure the barrel is pulled down firmly until it clicks into the cocked position.
Pellet does not fire.	Safety engaged; not cocked; no pellet loaded.	Disengage safety; ensure rifle is fully cocked; load a pellet.
Poor accuracy.	Barrel not broken in; loose scope/sights; incorrect pellet type/weight; inconsistent hold.	Continue break-in period; check and tighten scope/sights; experiment with different pellets; practice consistent shooting technique.
Difficulty cocking.	New rifle (stiff spring/piston); improper technique.	Requires significant force; use proper leverage and technique. Will ease with use.

SPECIFICATIONS

- Brand:** Umarex
- Model Name:** Ruger Impact Max .22 Caliber Pellet Gun Air Rifle with 4x32mm Scope
- Model Number:** 2230167
- Caliber:** .22 (5.5mm)
- Muzzle Velocity:** Up to 1050 feet per second (fps)
- Power System:** TNT Power System (Gas Piston)
- Noise Dampener:** SilencAir 5-chamber
- Sights:** Fiber Optic Sights, includes 4x32mm Air Rifle Scope with mounting rings
- Stock:** Hardwood with Rubber Buttpad
- Safety:** Automatic
- Weight:** Approximately 5 Pounds
- UPC:** 723364301674

WARRANTY AND SUPPORT

- For warranty information, technical support, or service inquiries, please contact Umarex USA directly. Keep your proof of purchase for warranty claims.
- Umarex USA Contact Information:**
- Website:** www.umarexusa.com
- Customer Service:** Refer to the website for current contact methods (phone, email, support forms).
- Please register your product on the Umarex USA website to ensure full warranty coverage and to receive important product updates.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question