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Enventor 23Q1-3

Enventor Oscillating Multi-Tool User Manual

Model: 23Q1-3
Brand: Enventor

Introduction

The Enventor 2.5Amp Electric Oscillating Multi-Tool is a versatile corded power tool designed for a wide range of applications including sawing, cutting, sanding, scraping, dressing, and grinding various materials with ease. Its powerful motor and variable speed settings make it suitable for tasks involving wood, pipes, tiles, nails, bolts, and gypsum board. This manual provides essential information for safe operation, proper setup, effective use, routine maintenance, and troubleshooting common issues to ensure optimal performance and longevity of your tool.

Safety Information

Always prioritize safety when operating any power tool. Adhere to the following guidelines to prevent injury and damage:

- Always wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and hearing protection when operating the tool.
- Ensure the work area is clean, well-lit, and free from obstructions or flammable materials.
- Disconnect the tool from the power source before changing accessories, performing maintenance, or when the tool is not in use.
- Keep children and bystanders at a safe distance while operating a power tool.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Avoid accidental starting. Ensure the switch is in the off-position before plugging in the tool.
- Maintain proper footing and balance at all times. Do not overreach.
- Maintain tools with care. Keep cutting tools sharp and clean for better and safer performance.
- Use the correct tool and accessory for your specific application.

Components and What's Included

Your Enventor Oscillating Multi-Tool kit is designed to provide comprehensive functionality for various tasks. The package typically includes the following items:

- 1 x Electric Oscillating Power Tool
- 4 x Enclosed wood plastic saw blades (high carbon steel/10mm, 20mm, 31mm, 34mm tooth width)
- 2 x Closed semicircular wood plastic saw blades (high carbon steel/88mm, 88mm)

- 1 x Closed scraper
- 1 x 90x90x90mm Triangular sanding pad
- 20 x Sandpaper sheets
- 1 x User manual



Image: The complete Enventor Oscillating Multi-Tool kit, including the tool, various blades, sanding pad, sandpaper, and a convenient carrying bag.

Setup

Tool Overview

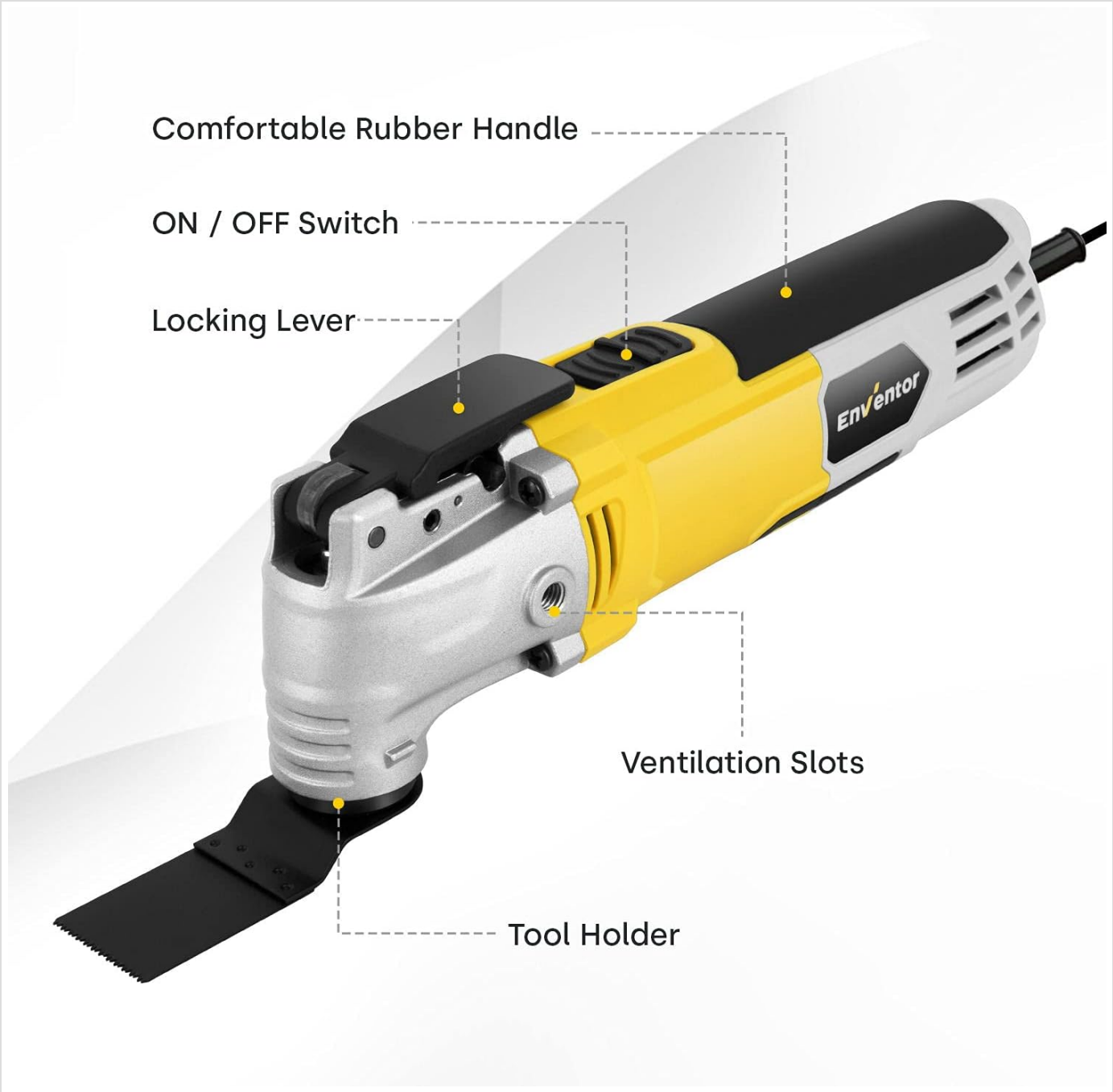


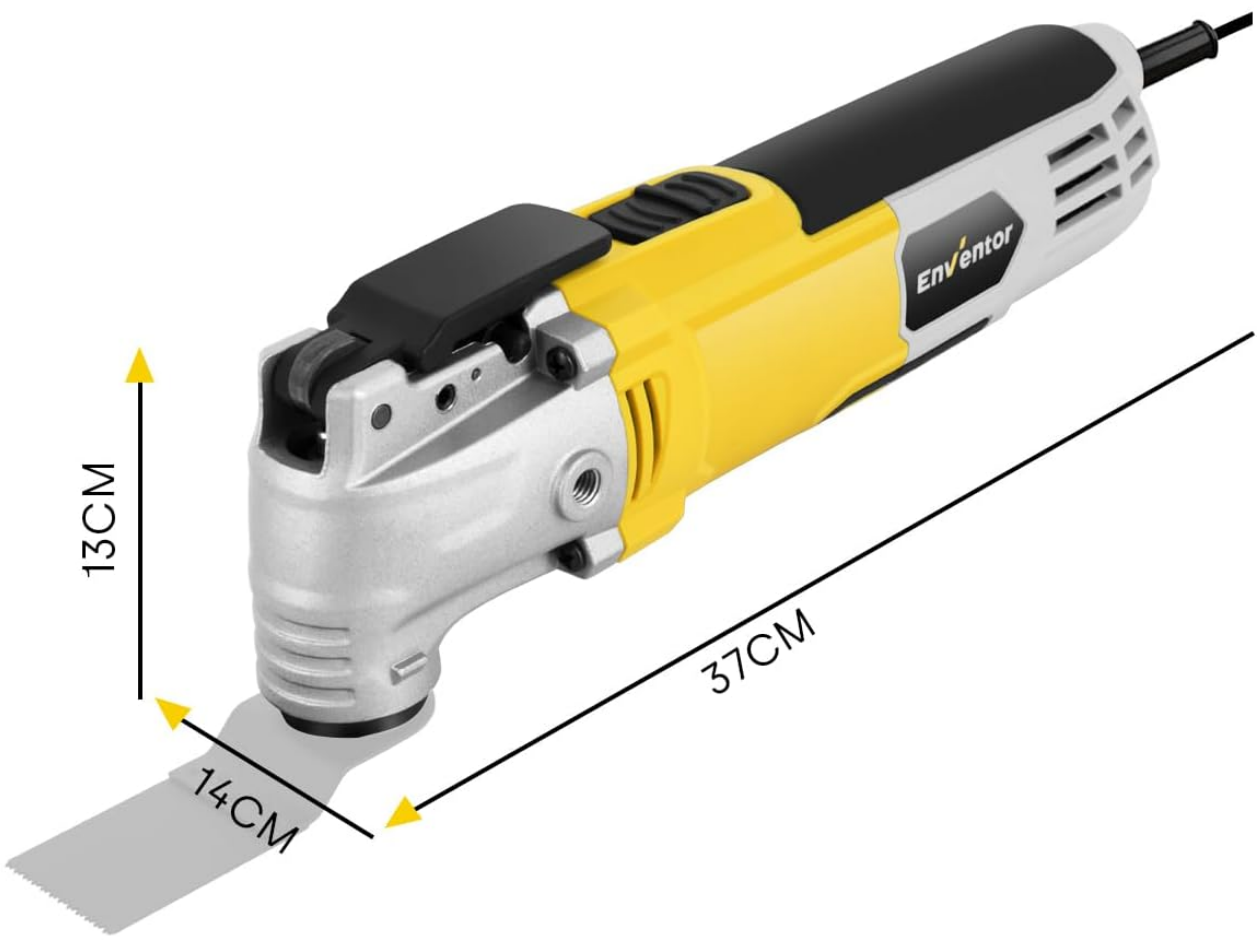
Image: A labeled diagram highlighting key components of the Enventor Oscillating Multi-Tool, including the comfortable rubber handle, ON/OFF switch, locking lever, ventilation slots, and tool holder.

Attaching Accessories (Quick-Change System)

The Enventor Oscillating Multi-Tool features a quick-change accessory system, allowing for easy and tool-free blade and accessory replacement in seconds. Follow these steps:

1. **Ensure Safety:** Always ensure the tool is unplugged from the power source before attempting to change any accessories.
2. **Unlock Lever:** Locate the quick locking lever on the tool head. Lift the lever to a 180° open position to release the tool holder mechanism.
3. **Insert Accessory:** Align the desired accessory (saw blade, scraper, or sanding pad) with the tool holder's universal interface system. Insert the accessory firmly onto the spindle.
4. **Lock Lever:** Push the locking lever back down firmly until it clicks into place. This secures the accessory for safe operation.

PRODUCT SIZE



SIZE 37*14*13CM **WEIGHT** 2.4KG

Image: A visual guide demonstrating the unlock, insert, and lock steps for changing accessories using the quick-change system, emphasizing ease of use.



Image: A close-up view of the universal fit interface, illustrating its compatibility with a wide range of oscillating tool accessories.

Operating Instructions

Powering On/Off

To turn the tool on, slide the ON/OFF switch located on the top of the tool to the "ON" position. To turn it off, slide the switch back to the "OFF" position.

Variable Speed Control

The Enventor Oscillating Multi-Tool offers 6 variable speed settings, allowing you to adjust the oscillation rate from 15,000 to 22,000 Oscillations Per Minute (OPM). This provides excellent efficiency and control for different cutting and grinding tasks.

- Use higher speeds (e.g., settings 5-6) for sawing, aggressive sanding, and polishing harder materials like stone or metal.
- Use lower speeds (e.g., settings 1-3) for cutting softer materials, delicate sanding, or polishing smooth surfaces where precision is key.



Image: The tool showing the 6-speed adjustment dial, indicating optimal performance and control for various materials and applications.

Oscillating Angle

The tool operates with a 3° oscillating angle. This specific angle is engineered to provide high efficiency and precise cutting, scraping, and sanding actions, making work more effective.



Image: A visual representation of the 3-degree oscillating angle, highlighting its contribution to high efficiency and precise cutting.

Applications

This multi-tool is highly versatile and can be used for a wide range of home improvement and DIY tasks:

- **Cutting:** Use appropriate saw blades to cut air ducts, downspouts, screws, nails, cables, fiberglass, door jambs, window trim, window glazing, and baseboards.
- **Sanding:** Attach the triangular sanding pad and sandpaper for smoothing rough surfaces, removing old paint, or preparing materials for finishing with far less effort than by hand.
- **Scraping:** The scraper accessory makes removing grout or glued-down flooring significantly easier. It can also be used for removing old paint, adhesive, or caulk.



Image: A collage demonstrating the multi-functional purpose of the tool, including sanding wood, scraping walls, cutting metal pipes, and cutting wood.

Official Product Video

Your browser does not support the video tag.

Video: This video demonstrates the various functions and ease of use of the Enventor Corded Oscillating Tool, including accessory changes, cutting, scraping, and sanding applications on different materials.

Maintenance

Regular maintenance is crucial for ensuring the longevity, safety, and optimal performance of your Enventor Oscillating Multi-Tool. Follow these general maintenance tips:

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove dust and debris. Use compressed air to clear dust from ventilation slots to prevent overheating. Do not use harsh chemicals, solvents, or abrasive cleaners, as they can damage plastic parts.
- **Accessory Care:** Clean accessories after use. Store blades and pads properly to prevent damage and maintain their sharpness. Replace worn, dull, or damaged accessories promptly to ensure efficient and safe operation.

- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, fraying, or exposed wires. If the cord is damaged, have it repaired or replaced by a qualified professional to avoid electrical hazards.
- **Storage:** Store the tool and its accessories in a dry, secure place, away from direct sunlight, moisture, and extreme temperatures. The included carrying bag is ideal for protected storage.

Troubleshooting

If you encounter issues with your Enventor Oscillating Multi-Tool, refer to the following common problems and their potential solutions:

Problem	Possible Cause	Solution
Tool does not start	No power supply; ON/OFF switch not fully engaged; Damaged power cord	Check power outlet and connection; Ensure switch is fully engaged; Inspect power cord for damage and replace if necessary by a professional
Reduced performance/cutting efficiency	Dull or incorrect accessory; Incorrect speed setting for material; Overloading the tool	Replace accessory or use appropriate type for material; Adjust speed setting to match task; Do not force the tool, let it work at its own pace
Excessive vibration or noise	Loose accessory; Damaged accessory; Internal component issue	Ensure accessory is securely locked; Replace damaged accessory; If problem persists, discontinue use and contact customer support

Specifications

Detailed technical specifications for your Enventor Oscillating Multi-Tool:

- **Brand:** Enventor
- **Model Number:** 23Q1-3
- **Power Source:** Corded Electric
- **Voltage:** 120 Volts
- **Motor:** 2.5 Amp
- **Oscillation Speed:** 15,000-22,000 OPM (Oscillations Per Minute)
- **Variable Speeds:** 6 settings
- **Oscillating Angle:** 3°
- **Item Weight:** 4.95 Pounds
- **Cord Length:** 6.56 Feet
- **Included Accessories:** 28 PCS (various saw blades, scraper, sanding pad, sandpaper)

Warranty and Support

For detailed warranty information, technical support, or to purchase replacement parts and accessories for your Enventor Oscillating Multi-Tool, please visit the official Enventor website or contact their customer service directly.
You can also find more information and products by visiting the Enventor Store on AmazonEnventor Store

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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.

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Answered questions about this manual

What is the part number or size for replacement carbon brushes for the Enventor 23Q1-3 Oscillating Multi-Tool?

The user manual for the Enventor 23Q1-3 Oscillating Multi-Tool does not list a specific part number or physical dimensions for the motor's carbon brushes. This information is typically considered an internal component detail rather...

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