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KIMO QM-5005

KIMO QM-5005 Cordless Polisher User Manual

Model: QM-5005 | Brand: KIMO

1. SAFETY INSTRUCTIONS

Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. Use personal protective equipment. Always wear eye protection.
- **Power Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts.

2. PRODUCT OVERVIEW AND COMPONENTS

The KIMO QM-5005 Cordless Polisher is designed for various polishing and sanding tasks. It features a powerful motor, variable speed control, and a lightweight design for ease of use.

Package Contents:

- KIMO QM-5005 Polisher Body
- 20V 2.0Ah Lithium-ion Battery (x2)
- Battery Charger (x1)
- Storage Bag (x1)
- Sanding Paper (x8)

- Replacement Polishing Discs (x2)
- Wool Buffer Pads (x2)
- Microfiber Pads (x2)
- Flat Sponge Pads (x3)
- Wave Sponge Pads (x3)
- Instruction Manual

Key Features:

- **Long-lasting 2.0Ah Batteries:** Two 20V 2.0Ah batteries provide extended operation and high output.
- **Pure Copper Motor:** Equipped with a durable pure copper motor for enhanced lifespan and efficient performance.
- **6-Speed Variable Control:** Adjustable speeds from 994 to 3634 RPM for precise control across various applications.
- **Enhanced Polishing Effect:** Double-action random orbital motion prevents swirl marks, suitable for car polishing, waxing, and other surfaces.
- **Low Noise & Vibration:** Lightweight at 1.2KG, designed for minimal vibration and noise, making it user-friendly for beginners.
- **Excellent Heat Dissipation:** Integrated cooling system protects the motor from overheating, extending tool life.



Figure 2.1: KIMO QM-5005 Polisher highlighting key features like 6-speed, 100mm pad, pure copper motor, cordless design, 2.0Ah batteries, and rich accessories.



Figure 2.2: Included 20-piece accessory set for the KIMO QM-5005 Polisher, showing various pads and sanding papers.

3. SETUP

3.1 Charging the Battery:

1. Connect the charger to a power outlet.
2. Insert the 20V 2.0Ah battery into the charger.
3. The indicator light on the charger will show the charging status. Ensure the battery is fully charged before first use.
4. Once fully charged, remove the battery from the charger.



Figure 3.1: Two 20V 2.0Ah batteries connected to the charger, indicating the charging process.

3.2 Attaching/Detaching the Battery:

- **To Attach:** Align the battery with the polisher's battery slot and slide it in until it clicks securely into place.
- **To Detach:** Press the battery release button (if present) and slide the battery out.

3.3 Attaching Polishing/Sanding Pads:

1. Ensure the polisher is turned off and the battery is removed.
2. Select the appropriate pad (sanding paper, flat sponge, wave sponge, wool buffer, or microfiber pad) for your task.
3. Align the pad with the backing plate on the polisher. The pads typically attach via hook-and-loop (Velcro) fasteners.
4. Press the pad firmly onto the backing plate to ensure a secure attachment.



Figure 3.2: Illustration of attaching a polishing pad to the polisher's backing plate.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off:

- To turn on the polisher, press the power switch.
- To turn off, release the power switch.

4.2 Adjusting Speed:

The KIMO QM-5005 features a 6-speed variable control dial. Rotate the dial to select the desired speed setting (1-6) for your application.

- **Speed 1-2 (994-1384 RPM):** Ideal for waxing and delicate polishing.
- **Speed 3-4 (2064-2640 RPM):** Suitable for general polishing and buffing.
- **Speed 5-6 (3234-3634 RPM):** For heavy-duty polishing, scratch removal, or sanding.

6段変速

最高 3634 回転/分



回転速度は調整ダイヤルを回すと無段階調整ができ、
お好みの回転速度で細かい作業が行えます

Figure 4.1: Close-up of the 6-speed adjustment dial on the KIMO polisher, showing RPM ranges for each setting.



Figure 4.2: Visual guide for selecting appropriate speed settings for waxing, general polishing, and heavy polishing.

4.3 General Polishing Techniques:

1. Apply a small amount of polish or compound directly to the pad or the surface.
2. Place the pad flat on the surface before turning on the polisher.
3. Start the polisher at a low speed and spread the product evenly over a small section.
4. Increase the speed as needed and move the polisher in overlapping passes, maintaining even pressure.
5. Avoid applying excessive pressure, as this can reduce efficiency and potentially damage the surface.
6. For optimal results, work in small sections (e.g., 2x2 feet for car panels).

強化されたパワー 優れた研磨効果

パットが回転しながら偏心運動するダブルアクションポリッシャー



均一に磨かれた



偏心運動



橢円軌道



車に優しい



偏心ポリッシャー



固定ポリッシャー

Figure 4.3: The KIMO polisher being used on a car surface, demonstrating its double-action polishing capability.

4.4 Applications:

The KIMO QM-5005 polisher is versatile and can be used for:

- Car polishing and waxing

- Scratch and swirl mark removal
- Furniture polishing
- Floor waxing
- Sink and mirror cleaning
- Rust removal (with appropriate sanding pads)



Figure 4.4: Examples of the KIMO polisher being used for rust removal, car polishing, furniture polishing, sink cleaning, and mirror polishing.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your KIMO QM-5005 polisher.

5.1 Cleaning:

- Always disconnect the battery before cleaning.
- Wipe the tool body with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Clean polishing pads thoroughly after each use. Rinse foam pads with water and mild soap, then allow them to air dry completely.
- Remove any dust or debris from the ventilation openings to ensure proper heat dissipation.

優れた放熱システム モーターを保護し

本体の左右端には通気性と放熱設計があり、熱を素早く放散し、
高温によるモーターの焼損を防ぎます



Figure 5.1: The KIMO polisher highlighting its heat dissipation system, crucial for motor protection and longevity.

5.2 Storage:

- Store the polisher and accessories in the provided storage bag in a clean, dry place, away from direct sunlight and extreme temperatures.
- Ensure batteries are partially charged (around 50%) before long-term storage to prolong their lifespan.

5.3 Battery Care:

- Do not store batteries in a discharged state.
- Avoid exposing batteries to water or extreme heat.
- If the battery is not used for an extended period, charge it periodically to maintain its health.

6. TROUBLESHOOTING

If you encounter issues with your KIMO QM-5005 polisher, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Polisher does not turn on.	Battery not inserted correctly or discharged.	Ensure battery is fully charged and securely inserted.
Reduced power or inconsistent operation.	Low battery charge; excessive pressure applied.	Recharge battery. Reduce pressure during operation.
Excessive vibration or noise.	Pad not properly attached; damaged pad; foreign object.	Re-attach pad securely. Replace damaged pads. Check for and remove any foreign objects.
Poor polishing results (swirl marks).	Incorrect pad/product; improper technique; too much pressure.	Use appropriate pad and polish. Apply even, light pressure. Work in small sections.

If the problem persists after trying these solutions, please contact KIMO customer support for assistance.

7. SPECIFICATIONS

Feature	Specification
Brand	KIMO
Model Number	QM-5005
Power Source	Battery Powered
Voltage	20 Volts
Battery Type	Lithium-ion
Battery Capacity	2.0 Ah (x2 included)
No-Load Speed	6-speed, 994-3634 RPM
Pad Diameter	100 mm
Item Weight	1.2 KG (with battery)
Package Dimensions	32.2 x 19.5 x 18.1 cm

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your KIMO QM-5005 polisher, please refer to the warranty card included in your package or contact KIMO customer service directly.

You can typically find contact information on the official KIMO website or through your purchase platform.

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