

USER MANUAL

UF9999

INTRODUCTION

Please read this manual carefully before use to ensure optimal performance and product longevity.

This manual provides instructions for the proper installation and operation of the product.

Specifically, please focus on the texts highlighted with this symbol.

Equipment Protection Classes

Type of protection against electric shock:

- Power Pack: Class III - **SELV** circuit - voltage is too low to cause an electric shock.

- Adaptor: Class II - features **double insulation** or **reinforced insulation** and does not require an earth connection.

- Handpiece: Class III - **SELV** circuit - voltage is too low to cause an electric shock.

Do not use in the presence of flammable materials.

Classified according to mode of Intermittent Operation.

Design and specifications may be changed without notice to improve product quality.

USER GUIDELINES

WARNING

Use the designated adaptor when charging the unit.

- Change the rotary direction after stopping the motor.
- Do not use a damaged UFIBER brush. It may cause product malfunction.
- Always work in a safe environment.
- Do not use the power pack in a humid place.
- The hand-piece should only be used with the NOGA MT Power Pack.
- Check for any problems, including excessive vibration of the UFIBER brush at low speed, and then try high speed.
- Change the UFIBER brush ONLY after stopping the motor.
- Be careful not to drop the handpiece as it may be damaged or broken.
- *If the handpiece is dropped, check to see if the UFIBER brush is damaged or that any excessive heat is generated while carefully operating it.*
- Do not put the handpiece down before it stops completely.
- Use the specified voltage.
- Only use our UFIBER brushes that are suitable for this product.
- Wear proper protective clothes and equipment, including a mask and safety goggles.
- Always keep the workplace clean. Debris may cause an accident.
- Do not touch the cords or connectors with wet hands.
- Do not bend the cords excessively as it may cause an electric shock.
- Do not place the unit near heat sources.
- When using an extension cord, do not use with other equipments.
- If the supply cord is damaged, it can only be replaced by the manufacturer.
- Remove battery before disposal.
- This appliance must be disconnected from the supply mains when removing the battery.
- Always dispose of the battery in accordance with local regulations.
- **WARNING:** For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.
- Follow the user manual for information on UFIBER brush replacing.
- Follow the recommended speed limit of NogaMT UFIBER brushes. If ignored it may cause an accident.

BATTERY MAINTENANCE

- Recharge after every use to maintain optimal health.
- Store in a cool, dry place when not in use for extended periods.
- The battery is a consumable part; capacity will decrease gradually over time.

SAFETY & HANDLING

- Do not disassemble, modify, or tamper with the battery. This can cause leaks, overheating, fires, or explosions.
- Avoid physical damage: Protect the battery from strong shocks, drops, or being thrown.
- Leakage response: If battery fluid contacts your skin or clothing, wash immediately with clean water. If it gets in your eyes, flush immediately and seek medical attention.

LIFESPAN & REPLACEMENT

- If your operating time has shortened significantly or the device is running more slowly, the battery has likely reached its end of life.
- Contact the manufacturer to order a replacement battery.

DISPOSAL

- The Power Pack uses a Li-Ion battery, which is 100% recyclable
- Never dispose of batteries in regular household trash or recycling bins.

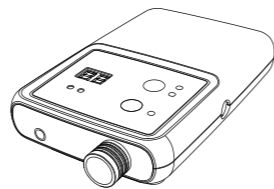
PRODUCT FEATURES & ADVANTAGES

- Max. 30,000 rpm
- Max. torque 3.0 N-cm
- Rotation Selector Switch (Forward/Reverse)
- Use the standard UFIBER Brush Ø 3.00 mm
- Compatible with collet-chuck type UFIBER brushes
- Portable Battery-Powered Operation
- Battery charging time: Approx. 2 hours
- Battery operating time: Approx. 10 hours (with max. RPM and no-load)

PRODUCT COMPONENTS

*Please check all components

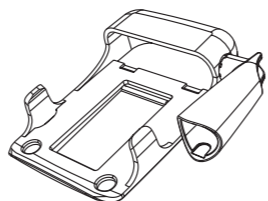
1 POWER PACK



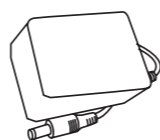
2 HANDPIECE



3 POWER PACK HOLDER

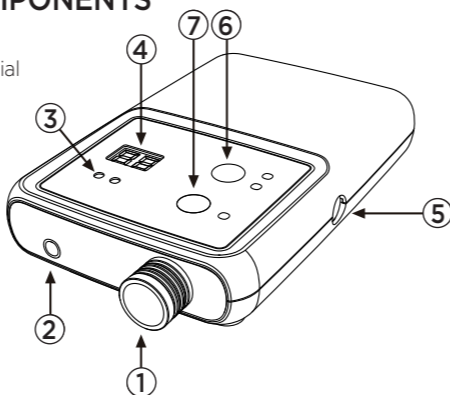


4 ADAPTOR



POWER PACK COMPONENTS

- 1 Power / Speed Control Dial
- 2 Handpiece Connector
- 3 Battery Status Display
- 4 Display Screen
- 5 Adaptor Connector
- 6 Motor Switch
- 7 Rotation Direction Select Switch F: Forward / R: Reverse



ORDER OF COMPONENT CONNECTION

POWER PACK

- Connect the handpiece to the connection part.
- Turn the power on, check the battery condition. If the battery is low, connect the power pack to the adaptor connector.
- When the battery is fully charged, disconnect the adaptor from the power pack.

HANDPIECE

- Open the handpiece chuck by turning the handle as shown in the picture below.



- Insert the **UFIBER brush**

- Lock the handpiece chuck by turning the handle as shown in the picture below.



- Lock the handpiece chuck before using. To prevent equipment damage and ensure proper operation.
- Check the UFIBER brush for any imperfections before replacement.
- Only change the UFIBER brush when the motor is idle.
- Use UFIBER brushes with a shank diameter of Ø3.00 mm

OPERATING PROCEDURE

- Turn on the unit by turning the Power/Speed Control Dial.
- Set the speed using the Power/Speed Control Dial.
- Turning the dial clockwise increases rotation speed.
- Turning counterclockwise decreases rotation speed.
- The actual RPM is 1,000 times the value shown on the display.
- Set the rotation direction - Rotation direction can be set to:
 - **F** (forward) and **R** (reverse).
- Operate the handpiece by pressing the Motor Switch.
- Press the Motor Switch again, to stop the handpiece.

CAUTION: STOP THE MOTOR WHEN:



- Changing the rotation direction.
- Changing the **UFIBER Brush**.

BATTERY STATUS DISPLAY

BATTERY DISPLAY	CONDITION
	Charging (Red LED on)
	Charging Completed (Blue LED on)

ERROR DISPLAY

CODE	CAUSE	REMEDY
EO	Handpiece Overload	Push the Motor Switch.
		Turn off, and allow to cool for 10 minutes in a cool place.
		If the error is not resolved, contact the manufacturer.

PROBLEMS & SOLUTIONS

POWER PACK

PROBLEM	CAUSE	SOLUTION
The Power Pack doesn't turn on.	Battery fully discharged.	Contact the manufacturer.
	Problem with Power Pack	
No speed control.	Problem with Power Pack	
Motor does not rotate or battery runs out shortly, although the battery is fully charged.	Power cord is not properly connected.	Reconnect the handpiece cord properly.
	Handpiece cord is damaged.	Contact the manufacturer.
	Battery has reached the end of its service life	Change the battery. (Contact the manufacturer for battery replacement.)

HANDPIECE

PROBLEM	CAUSE	SOLUTION
Motor does not work.	Handpiece cord not connected properly.	Reconnect the handpiece cord properly.
	Motor - damaged.	Contact the manufacturer.
	Handpiece cord - damaged.	
Abnormal overheating occurs during operation.	Bearings or chuck in the handpiece are damaged.	Contact the manufacturer.
Abnormal vibration and noise occurrence.	Bearings or chuck in the handpiece are damaged.	
	UFIBER brush - damaged.	Change the UFIBER Brush.
Motor stops after 2-3 secs.	Low power level of battery	Charge the battery.
Brush is loose/disconnected.	Chuck - damaged.	Contact the manufacturer.

PRODUCT MAINTENANCE

- Keep the area around in handpiece clean from dust and particles.
- Clean the handpiece using alcohol to ensure it is completely dry before use.
- Compressed-air cleaning is acceptable; however, excessive air pressure may damage the handpiece or motor.
- Remove **UFIBER Brush** from handpiece before storage.



- Do not apply the oil and water to the product.
- The grease inside of the bearing could melt away due to the oil.

PRODUCT SPECIFICATION

POWER PACK

Model Name	UF9999/UF-EPACK
Input	DC 12.6 V , 2.0 A
Output	DC 11.1 V , 0.2 A
Battery Capacity	2,850 mAh
Battery charging time	approx: 2 hours
Battery operating time	approx: 10 hours (with max. RPM and no-load)

HANDPIECE

RPM	30,000 RPM
Torque	3.0 N-cm
Chuck Type	Collet Chuck
Brush Diameter	Ø 3.00 mm

MOTOR

RPM	30,000 RPM
Torque	3.0 N-cm

ADAPTOR

Input	AC 100-240 V-, 50/60 Hz, 0.8 A
Output	DC 12.6 V , 2.0 A

WARRANTY

NOGA MT warrants this product against defects in materials and workmanship for one (1) year from the invoice date. This warranty covers defects in materials and workmanship. The product warranty does not cover user's misuse, wrong installation, inappropriate maintenance and repair, and normal wear of parts such as bearings, spindle, gear, and motor. In order for NOGA MT to confirm if the warranty is valid, it will require checking the operating conditions, environment information, serial number and stamped invoice. Warranty service will be provided through repair or replacement at NOGA MT's discretion.

EXCEPTION OF WARRANTY

Any misuse or improper use and treatment of product. Using the product with incorrect input voltage (AC voltage). Dropping the product during setting or transport. Not using recommended parts or accessories. Malfunction after repairing the product at an unauthorized service center. Normal wear of parts; such as ball bearings, gear, chuck, spindle case & motor. Attempt to disassemble or modify product.

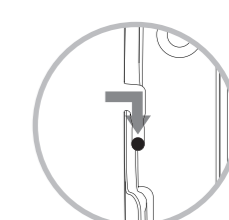
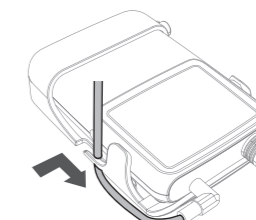
Operating Condition	Temperature (°C)	10 - 30
	Relative humidity (%)	10 - 80
Transport and Storage Condition	Atmospheric pressure (hPa)	700 - 1,060
	Temperature (°C)	-20 - 60
	Relative humidity (%)	10 - 90
	Atmospheric pressure (hPa)	500 - 1,060

SYMBOLS

Class III Appliance	Read operator's manual	CE mark
Serial No.	Warning Sign	This product should not be mixed with other commercial waste for disposal
Fuse	Alternating current	
Detachable Supply unit	Direct current	Recyclable

How to fix the Handpiece Cord in the Holder

- Place the Power Pack into the Holder with adaptor cable plugged in.
- Insert the cord through the space on the side of the holder.
- Pull the cable through to fix it in place.
- Handpiece should be placed in its terminal when not in use.



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