



Rechargeable Mini Engraver 2 WE 243 SERIES

Thank you for choosing WEICHEER professional power tool.

WE 243 is a light, precise, highly flexible and user-friendly product designed for carving, engraving, routing, grinding, sharpening, sanding, polishing, drilling and similar tasks.

Please feel free to contact your local suppliers for our other fine tools and accessories.

SPECIFICATIONS

INPUT	AC 100-240V 50/60Hz	
OUTPUT	DC 5V, 0.55A	
RPM	Variable Speed: 3,000 ~ 15,000 RPM	
TORQUE	52 g·cm	
COLLET	Collet Option: 2.4 and 3.2mm (3/32" and 1/8")	Spring Chuck Option: 0~3.2mm (0 ~ 1/8")
BATTERY LIFE	Up to 100 minutes depending on load and battery aging	
DIMENSIONS	143mm Length × 30mm Diameter	

OPERATION

To load a bit:

1. Turn off the device. **Be careful not to accidentally turn the device on while loading the bit.**
2. Press the shaft lock button.
[Collet Option]
Press and hold the shaft lock button.
Loosen the collet by hand or included wrench.
Insert the bit (not included).
Tighten the collet securely.
! avoid excessive tightening of the nut.
[Spring Chuck Option]
Unscrew the spring chuck counter-clockwise by hand.
Place bit into the spring chuck.
Tighten the spring chuck by hand.
! using clamps or similar tools may damage the spring chuck.

Usage:

1. Grasp the device like a pen.
2. **Make sure the charging plug is removed.** Charging plug disables the device as a safety mechanism during transport. If the device is to be stored for extended periods of time, it is recommended to leave the plug in to prevent accidental start.
3. Press the orange power button once to turn the device on at the lowest speed. Keep pressing the button to increase speed (6 steps). Pressing the button at the fastest step stops the device.
Long press the button at any time also turns off the device.
4. Gently touch the piece being worked on, letting the tool do the work. Keep hands and fingers away from the rotating bit. The tool operates at speeds up to 15,000 revolutions per minute, only holding and guiding are required. Do not apply excessive pressure to the device.
5. Slower speeds are recommended for polishing operation. Higher speeds are better for carving, drilling, cutting, routing and shaping. Hardwoods, metals and glass usually require high-speed operation.
6. Flashing red light indicates low charge (approx. 20 minutes of use time left). Device will automatically turn off during use if battery goes below minimum charge level.
7. **If overloaded, the device's protection mechanism will temporarily disable the device. Please plug in the charger to reset the device.**

Charging:

1. To charge the device, simply plug in the adaptor. The device can be left plugged in indefinitely and will automatically stop charging when done. Red LED indicates charging, and will extinguish when charging is done. Charging from empty to full takes approx. 2 hours.
2. Device cannot be used while charging. Charging plug disables the device.

SPEED STEPS

Step	LED Indication
1	Slow green flashes
2	Fast green flashes
3	Slow red and green flashes
4	Fast red and green flashes
5	Slow red flashes
6	Fast red flashes

SAFETY CONCERNS

- Always stop the tool before swapping or loading accessories, collets, or bits. **Be careful not to accidentally turn the device on while loading the bit.**
- Do not engage the shaft lock button while the tool is in use.
- The bit and collect are in a high temperature that is too hot to be touched by bare hands.
- Do not use damaged bits, which can cause danger.
- Keep dust out of eyes and lungs by using a protective eyewear or a dust mask.
- Tool should be stored in a dry location and kept out of reach of children while not in use.

Warning:

Please do not use excessive pressure to avoid damaging the motor (damages caused by overloading void your warranty).

USE IN DRY LOCATION ONLY

SHOCK HAZARD

MAINTENANCE INSTRUCTION

Frequently clean the body with soft cloth or compressed air to avoid the dust from preventing the tool from running smoothly. Never use cleaning solvents or detergents. Please contact your supplier for replacement batteries if required.

Please only use official replacement batteries. Our batteries are high quality cells with multiple built-in protection mechanisms to ensure safe operation. Low quality lithium-ion batteries can cause fires and/or damage the device.

To change the battery, first unscrew the black housing ring at the tip (be careful to not deform the ring), then remove 6 screws from the back of the device. Unplug the old battery from the circuit board, and plug in the new battery, then reassemble the device in reverse order.

For more information and/or technical support, please visit our website at:

<http://www.wecheer.com> or contact us at:

service@wecheer.com