

Portable MICROMOTOR

Portable Micromotor With E-Type Connection



1. Product Overview

This portable dental polishing machine is a professional device designed for dental polishing, contouring, and finishing procedures. It features a compact, lightweight design and a built-in rechargeable battery, making it ideal for clinical use.

2. Product Parameters

Item	Specification
Input	DC 8.4V
Frequency	50/60Hz
Output	DC 0-20V
Max Current	3A
Power	35W
Speed Range	0-30,000rpm
Max Torque	3.5N/cm
Chuck Size	2.35mm / 3.0mm (optional)
Battery Capacity	3000mAh (built-in)
Working Time	2 hours at high speed; 5-6 hours at other speeds
Charging Time	2 hours
Indicator Lights	Red LED (charging), Blue LED (fully charged), 4 LEDs (battery capacity display)
Dimensions	100×80×20mm

3. Product Controls

Handpiece connection: Connect any E-Type slow speed handpiece.

Charger : For connecting the battery charger. Use only supplied charger.

Forward/Reverse Switch (F/R) : Toggles the rotation direction of the handpiece.

Start & Speed Adjust Knob : Turn clockwise to start and keep rotating to increase the speed to up to 30,000rpm.

DigitalDisplay:Showsreal-timespeedandpowerstatus.

4. Operating Instructions

1. Connect suitable handpiece using an E-Type connection..
2. Connect charger and fully charge unit before use. LED Indicators show battery life.
3. Select the desired rotation direction using the toggle switch.
4. Turn the power//speed knob clockwise to start the handpiece rotating..
5. Increase the speed slowly to the required level. Avoid sudden speed changes of unit.
6. When finished, slowly turn the speed knob counter-clockwise until the unit shuts down.
7. Clean unit of any dust and residues. Inspect for any visible damage. Unit should not be used if overloaded for prolonged periods.

5. Packing List

- 1 × Main control unit
- 1 × Polishing handpiece
- 1 × Handpiece holder
- 1 × Power adapter (charger)