# M2

## Dental Electric Motor



## Configuration

| | |
|---|---|
| Drive Module | ×1 |
| Tail Cable | ×1 |
| Motor | ×1 |

## Specifications

| | |
|---|---|
| Voltage | AC 24V |
| Dimensions | 104mm×71mm×34m |
| Motor Speed Range | 2000-40000r/min<br>(Up to 200,000 rpm with a<br>1:5 contra-angle handpiece) |
| Interface | E-Type ISO Standard Interface |
| Compatible contra-angle | 16:1、1:1、1:5、1:4.2 |
| Motor Torque | ≥1 N·cm, up to 3.5 N·cm |
| Motor Function | Forward / Reverse |
| Motor LED | ✓ |

**Guilin Woodpecker Medical Instrument Co.,Ltd.**
Information Industrial Park, Guilin National High-Tech Zone, Guilin, Guangxi, 541004 P.R. China
Sales Dept.: +86-0773-5873196/2350599
After-sales Service Dept.: +86-0773-5827898
E-mail: woodpecker4@glwoodpecker.com
Website: http://www.glwoodpecker.com

Scan and log on to the website for more information

Find us on

Find us on

Find us on



## High performance brushless motor

Higher torque for powerful cutting
smoother operation with low noise and micro-vibration
10 times the service life of brush motor

## Clear Vision, Efficient Cooling

Integrated LED light and internal water spray for improved precision and safety

## Minimally invasive restoration precise tooth preparation



**Preparation with M2**

Smooth surface without scratch



**Preparation with turbine handpiece**

Rough surface with pits

| | M2 | Air Turbine Handpiece |
|---|---|---|
| Torque | Constant torque, over 10× stronger than turbine handpiece | Limited and unstable torque |
| Speed | Precise, controllable and smooth | Unstable speed, prone to stalling |
| Operation | Smooth and efficient crown preparation | Intermittent cutting, often requiring repeated passes |
| Efficiency | Easy to handle, delivering precise and efficient tooth preparation | Requires greater operator skill; may result in iatrogenic damage or insufficient reduction, leading to lower efficiency |