

## ► MAXIMA mobile II / BLDC model

MAXIMA mobile II BLDC model is a slim, lightweight, and rechargeable micromotor system designed for excellent portability and ease of use. It is ideal for a wide range of light-duty applications. Equipped with a high-performance lithium-ion battery, the system delivers up to 9 hours of operation on just a 2-hour charge.

### MMX30ST

Mobile Controller MPX30  
+ MHX30 BLDC handpiece Set

Mobile Controller MPX30 + MHX30 Brushless type motor handpiece  
Max. Rotation speed is 30,000 rpm  
Hand piece weighs just 125 grams



The compact and lightweight handpiece features a state-of-the-art brushless motor (BLDC), eliminating the need for carbon brush replacement. Its smooth and stable operation ensures safe and comfortable use. The handpiece provides a max. rotation speed of 30,000 rpm.

An integrated overload protection function helps prevent excessive grinding of the workpiece, providing additional operational safety and peace of mind.

Rotation speed is clearly indicated via a color-coded LED display allowing users to monitor performance at a glance. The intuitive design makes the system easy and enjoyable for anyone to operate.



\* Tip Tool is optional item.

#### ■ Package contents

- BLDC motor handpiece ..... MHX30
- Mobile Controller ..... MPX30
- AC adaptor ..... ACP05
- Handpiece stand ..... TRC05
- Handpiece holder ..... HPH01
- Chuck wrench & Chuck joint wrench



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**Overload protection**  
Stops and protects the handpiece when the motor is overloaded.



**Rotation Direction Change**  
One-touch operation to switch between forward and reverse rotation.



**QuickChuckSystem**  
Quick chuck system that allows you to attach and detach tip tools with one-touch.

### MPX30

MAXIMA mobile II Controller

- 9 hours of operation on just a 2-hour charge
- Overload protection
- Forward / Reverse direction switch
- Pause function
- LI-ION battery (rechargeable)
- Speed display LED lamp (Green->Sky blue->Blue->Pink)

Speed Display on the Controller



Instead of numbers, the controller uses a color-coded system to indicate speed ranges, allowing users to quickly grasp their speed status at a glance.

- Input Voltage : 12.6Vdc
- Output Voltage : 12Vdc
- Output Power : 35W
- Weight : 220 g
- Dimension (mm) : 65(W) x 147(D) x 25(H)



### ACP05

AC Adaptor (Charger)



- Weight : 140 g
- Input : 100-240V, 50/60Hz
- Output : 12.6Vdc, 2A

### TRC05

Handpiece Cradle



- Weight : 60 g
- Dimension (mm) : 48(W) x 125(D) x 42(H)

### HPH01

Handpiece Holder



- Weight : 20 g
- Dimension (mm) : 28(D) x 18(D) x 60(H)

### MHX30

Brushless Motor handpiece

- Brushless motor type (BLDC)
- Light weight
- Easy to handle
- Quick Chuck system



\* Tip Tool is optional item.

- Max.Torque Output : 2.4Ncm
- Rotation speed:0~30,000 rpm min
- Weight: 125 g
- Dimension:φ20×L 123 mm

### PHP35-300

Chuck Wrench



### PHP35-301

Chuck Joint Wrench



\* Collet chuck comes standard with a 3.0mm dia. but you can also select a 2.35mm dia. or 3.175mm dia. when ordering.