

# How to operate the Emax EVolution

---

Foot pedal

Control unit

Motor handpiece



\*Tools are sold separately.

Ultra-precision brushless  
micro-grinder

Emax Emax EVolution  
**EVolution**

# ① Control Panel

## Forward/reverse select switch

The direction of motor rotation can be selected.



▶ Forward rotation (clockwise)



▶ Reverse rotation (counterclockwise)



## Motor rotation speed display

**40** = 40,000 rotations/min

## Speed control volume

The rotation speed can be easily adjusted.

## LOAD meter

Displays the load status of the motor.

Motor connector A

Power supply switch

Motor connector B

## Motor switch /

By choosing and pushing either  / , the motor connected to the chosen A/B will rotate/stop. \*  and  cannot be operated simultaneously.

## ② How to change tools

1. Loosen the ring and remove the tool.
2. Replace the tool and tighten the ring until you hear a “click” sound.



### ③ How to start the control unit

1. Turn speed control volume completely to the left.
2. Switch ON the power.



\* Please make sure that the speed control is set to .



## ④ How to start/stop the motor and adjust the rotation speed

\* Example of when motor connector A is connected to the motor.


### ——To start——

1. Press  or the motor smart switch.  
The motor will start to rotate.



Motor smart switch

### ——To stop——

2. In order to stop the motor, press  or the motor smart switch.  
The motor will stop rotating.

### ——To adjust the rotation speed——

1. Turn the speed control volume to adjust the rotation speed.

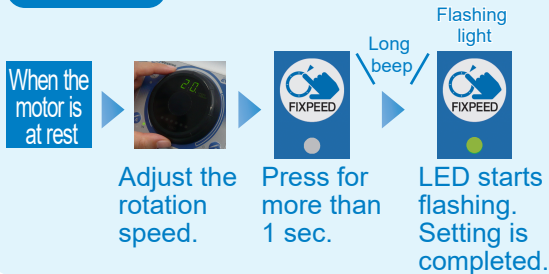


## 5 Convenient functions

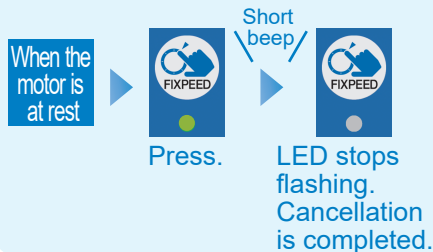
### —FIXPEED function—

FIXPEED allows everyone to set the speed of the motor in advance. The speed that is frequently used can be easily set at the touch of a button.

#### How to set



#### How to cancel a setting



**NAKANISHI INC.**   
[en.nakanishi-spindle.com](http://en.nakanishi-spindle.com)

700 Shimohinata, Kanuma, Tochigi 322-8666, Japan

Contents are subject to change without notice.

**NSK America Corp.**  
[www.nskamericacorp.com](http://www.nskamericacorp.com)

1800 Global Parkway, Hoffman Estates, IL 60192, USA

ver.250616