

# ELITE SERIES II

## IFU for Attachments

Before the operation, read the instruction manual carefully and keep it for future reference.



Name	#MEARA	#MEAFG	#MEAHP
Weight	48g	48g	55g
Gear ratio	1:1	1:1	1:1
Bur replacement type	Push Button	Push Button	Twist Chuck
Bur dimension Ø	Right Angle (2.35mm)	Friction Grip (1.6mm)	Handpiece (2.35mm)
Coupling dimension	E-Type Coupling (ISO 3964)		

### 1. Intended purpose

The handpiece is used for dental cutting, polishing and grinding by connecting electric motor.

### 2. Components

Angle, Wrench, Spray nozzle, Instruction manual

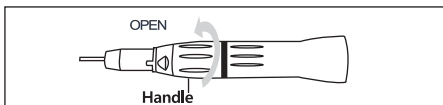
### 3. Bur replacement

#### 1) #MEARA / #MEAFG

Push Button: Press down and hold the button and remove the bur, then replace the bur.

#### 2) #MEAHP

Turn the handle clockwise to open the chuck. Then replace the bur and turn the handle counter-clockwise to lock the chuck.



- ※ Please use ISO standard bur and avoid to use of rusty or curved bur because it can cause excessive wear of the bearing.
- ※ Please comply with instructions of bur.  
(Safety speed and precautions)

### 4. Maintenance of the product

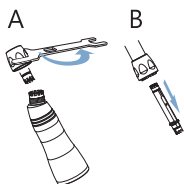
#### 1) Cleaning

- ① Rotate the head in a tap water about 10 seconds with maximum speed to remove the remains (blood, physiologic saline solution, etc.) and rinse.
- ② Disconnect the angle handpiece to the motor.
- ③ Remove contaminants on the angle handpiece using a nylon brush after soaking for 20 minutes in Enzymatic Detergent.
- ④ Rinse the angle handpiece using the tap water for 3 minutes to remove Enzymatic Detergent.
- ⑤ Wash the angle handpiece for 10 minutes in the ultrasonic cleaner containing Enzymatic Detergent.
- ⑥ Rinse the angle handpiece for 3 minutes in the ultrasonic cleaner containing purified water repeatedly subjected 3 times.  
(Change the purified water each time.)
- ⑦ Wipe using dust-absorbent after the product soaked in alcohol(70%) for 30 seconds.

#### 2) Lubrication

##### ■ #MEARA / #MEAFG

- ① Disassemble the product into 3 parts.
  - A. Fixed a wrench to the joint cap and turn joint cap counterclockwise to open.
  - B. Take out the gear.



- ② See the picture below, put the nozzle with the right direction and spray lubricant for 2~3 seconds.



#### ③ Reassemble the product.

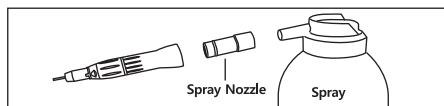
- A. Insert the gear into the head assembly.
- B. Make sure the gear fits into the head assembly and check it turning smoothly.
- C. Assemble the head part and body as right direction.
- D. Use a wrench to lock the joint cap tightly.



- The nozzle tip is not provided by manufacturer.
- After the lubrication, please put the gear right direction.  
If put the gear wrong direction, the handpiece can be damaged.
- If the continuous operation, please put the oil every an hour.
- When Lubrication, please hold the handpiece firmly because the handpiece can go out by the spray pressure.

##### ■ #MEAHP

See the picture below, insert the lubricant spray nozzle to the spray. And, insert the nozzle to the end part of angle (motor assembly part) and spray lubricant 2~3 seconds.



- If the continuous operation, please put the oil every 1hour.
- When Lubrication, please hold the handpiece firmly because the handpiece can go out by the spray pressure

#### 3) Sterilization

- ① Put the angle in a sterile bag and seal tightly. 132°C  
15min
- ② Put the sterile bag in the sterilizer and sterilization for 4 minutes with 132°C, and let it dry for 30 minutes.

Sterilization	Temperature	Time	Dry
Moist heat sterilization	132°C	4 minutes	30 minutes

- ※ This product is designed to withstand 250 times of re-sterilization process.
- ※ This product recommends the moist heat sterilization (autoclave), other sterile methods are not guaranteed the effectiveness.

### ! [Caution for use]

- This product shall be used for intended purpose only.
- This product is not in sterilization once release by manufacturer. Please certainly do user sterilization before using.  
(Refer to 'Maintenance of product - sterilization')
- If sterilize the product with rest of blood, the product can be damaged. So, please fully clean up and lubricate the product.
- Do not use this product for wrong purpose and be aware of the safety.
- After stopping the motor perfectly, disassemble the product from the motor.
- Disassemble or repair the product only the case which is mentioned in instruction manual.
- Do not drop the product. It can be damaged.
- Please insert the product to the end of E-type motor shaft and use it.
- Verify the product's operation, especially vibration, noise, and temperature rise are normal.
- Please contact the dealer/store or manufacturer when problem occurs.
- The manufacturer does not have any responsibility for any accidents that user did not follow the instruction manual.
- Design and specification of product can be changed to improve quality of product.
- User has responsibility for the use and maintenance of the product.
- US federal law restricts this device to sale by or on the order of dentist.
- If you want to get an instruction manual in other languages, please contact the manufacturer.

Operating condition	Transport and storage condition
Temperature : 10~30°C	Temperature : -20~60°C
Humidity : 10~80%	Humidity : 10~90%
Atmospheric pressure : 700~1,060hPa	Atmospheric pressure : 500~1,060hPa

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