

Power Key On/Off

Refer to the operation manual 4

Hold the Power Key for **more than one second**.

Setting the rotation speed

Refer to the operation manual 4

Check **"SP" displayed** on LCD panel.
Press the UP/DOWN Key to set the desired rotation speed.



Setting the torque

Refer to the operation manual 4

Check **"TQ" displayed** on LCD panel.
Press the UP/DOWN Key to set the desired torque.
When "TQ" is not displayed, press SELECT Key to display "TQ."



Setting the gear ratio

Refer to the operation manual 4

Check **"GR" displayed** on LCD panel.
Press the UP/DOWN Key to set the desired gear ratio.
When "GR" is not displayed, press SELECT Key to display "GR."



Setting the AUTO REVERSE function

Refer to the operation manual 4

While holding the SELECT Key, press UP/DOWN Key to set the AUTO REVERSE function.

- Ⓐ : AUTO REVERSE Mode (Reverse rotation, automatically starts forward rotation after removing the load)
- Ⓐ : AUTO STOP Mode (Reverse rotation, stops after removing the load)

No Display : AUTO REVERSE function is OFF. (No reverse rotation and stops)



Program function

Refer to the operation manual 4

Press PROGRAM Key to choose the desired program.
To memorise current setting, hold PROGRAM Key more than one second.
5 settings (1-5) can be memorised.



To activate

Refer to the operation manual 4

Rotation starts after pressing ON/OFF Key.

- #1 Press the ON/OFF Key for continuous rotation; press again to stop.
- #2 Rotation continues **while holding** the ON/OFF Key and stops when the key is not held.



< Rotation Speed >

		100	500	1,000	1,500	2,000	2,500
Gear ratio	Rotation speed (min ⁻¹)						
4:1	500-2,250		←—————→				
10:1	200-900	←————→					
16:1	140-550	←——→					
20:1	100-450	←——→					

< Torque >

Gear ratio	Torque (N·cm)
4:1	0.1-0.7
10:1	0.2-2.2
16:1	0.3-3.0
20:1	0.4-4.0

Changing batteries *Change batteries only after turning off the power.

Refer to the operation manual 11

- 1) Remove the rubber cover from the battery cover with a thin flatblade screwdriver. (Fig. 1)
- 2) Remove the screw fixing the battery cover with a Phillips screwdriver. (Fig. 2)
- 3) Remove the battery cover by sliding it toward the charging terminal. (Fig. 3)
- 4) Replace the batteries. Use only designated batteries. (AAA, nickel metal hydride batteries and nominal 1.2 V)

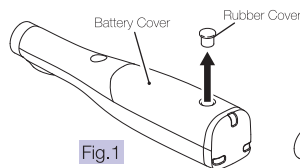


Fig.1

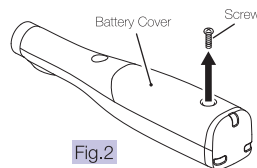


Fig.2

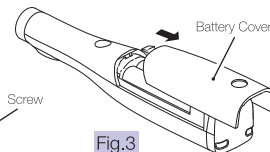


Fig.3

- Cautions**
- ▶ Do not misalign the plus and minus side.
 - ▶ Place the battery cover, screw and rubber cover by reverse of the removal method.
 - ▶ Do not overtighten the screw.
 - ▶ Charge the batteries fully before use after changing batteries.

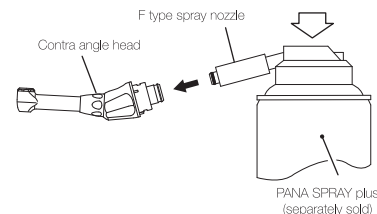
***Do not open any part other than the battery cover.**

Cleaning and Lubricating contra-angle head

Refer to the operation manual 7

- Lubricate the contra angle head only.
- Apply PANA SPRAY/PANA SPRAY Plus after each use and/or before autoclaving.
- Screw the F type spray nozzle onto the Spray nozzle by approx. 10 turns.
- Insert the F type spray nozzle into the rear part of the contra angle head and lubricate the head for 2-3 seconds. If the contra angle head is not pushed into the nozzle enough, oil may not get into the head and it may flow backward.

- Cautions**
- ▶ Do not lubricate the motor handpiece.
 - ▶ Before mounting the lubricated contra angle head to the motor handpiece, wipe off excess oil.
 - ▶ Hold the contra angle head securely to prevent it from flying off by the pressure of the spray.



PANA SPRAY plus
(separately sold)