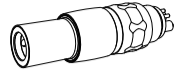
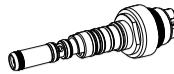


Please read the instruction manual carefully before operation and keep it for future reference.

Model Name	CP10LN	CP10LK
Appearance		
Weight	45g	22g
Applicable Handpiece	CAB10LN	CAB10LK
Applicable Hose Size	ISO 9168 Type C	
Applicable Light	LED	
Rated Voltage	DC 3.3 V ± 0.05 V	
Allowable Voltage	DC 2.5 ~ 4.0 V	
Current Consumption	0.25 A And less (In case 3.3 V)	
Coupling Type	NSK PTL-CL-LED Type	KAVO MULTIFLEX LED Type

1. Intended Use

: Coupling for connection to the unit chair hose for the operation of pneumatically driven handpieces for tooth removal.

2. Indication for use

: This air-powered dental handpiece is intended for removal of carious material, cavities and crown preparations, removal of fillings, processing of tooth, restoration of surfaces and as a surgical tool for third molar removal procedures. It is designed for use by a trained professional in the field of general dentistry.

3. Components

: Coupling, Coupling Protection Cap, Coupling Repair Kit (CP10LN), Coupling Spanner (CP10LK), Spare O-ring (CP10LK), Instruction Manual

- ⚠ - Only use accessories that have been approved for combination with the product by the manufacturer.
- Do not make any modifications to the product.

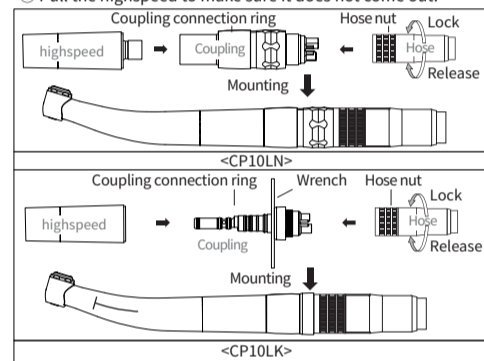
4. Features

- ① It is a product that applied LED with power saving and long life as a light source.
- ② It is a product that combines the highspeed with one-touch fastening.
- ③ Use a anti-backflow valve to prevent backflow of water.
- ④ It is a product that can rotate 360°, so there is no kink in the hose.

5. How to connect each part

5.1 Mounting

- ① Insert the coupling into the hose and tighten the hose nut. (CP10LN)
- ② Attach the coupling spanner to the coupling, insert the coupling into the hose connector, hold the coupling spanner tighten the hose nut. (CP10LK)
- ③ Insert the highspeed into the coupling.
- ④ Pull the connecting ring to join the highspeed and coupling to the end. (CP10LN)
- ⑤ Pull the highspeed to make sure it does not come out.



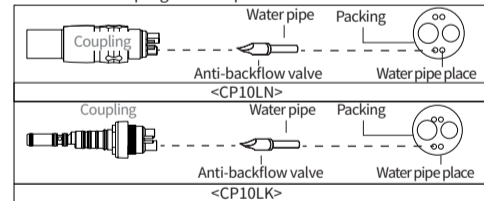
- ⚠ - Do not connect the coupling to ISO 9168 Type B hose
 - If you connect to a hose without lighting function, the lighting terminals may be damaged.
 - Purge the water and air channels for 20 - 30 seconds before use
 - Check the nozzles for blockages and lime deposits, for example, and clean the nozzles if necessary.
-
- Do not pull the coupling connection ring during the air pressure supply. The highspeed connection part may be loose and blown. (CP10LN)

5.2 Disconnecting

- ① Pull the connection ring of the coupling and remove the highspeed. (CP10LN)
- ② Grasp the coupling and pull the highspeed to separate it from the highspeed. (CP10LK)
- ③ Loosen the hose nut and gently pull the hose to remove it.

6. Replacement the anti-backflow valve

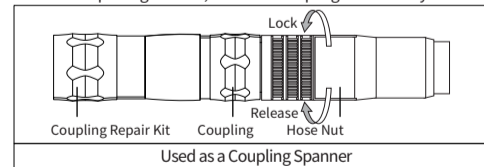
- ① The coupling is equipped with anti-backflow valve.
- ② The anti-backflow valve prevents the backflow of the supplied water and prevents the oral cavity liquid from being sucked into the supply line to be contaminated.
- ③ To replace the anti-backflow valve, first remove the packing on the back of the coupling and then pull the anti-backflow valve.



7. How to use the coupling repair kit (CP10LN)

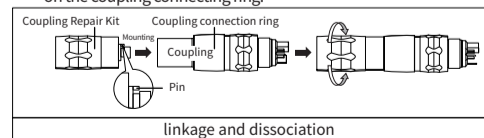
7.1 How to use

- ① Dust cover
The interior of the coupling can be exposed to various bacteria. Use it as a cover to prevent dust and debris from entering the coupling.
- ② Coupling Spanner
* The coupling repair kit can be used as a wrench to securely connect or easily disconnect the coupling to the hose.
* When replacing the LED, use it as a coupling disassembly wrench.



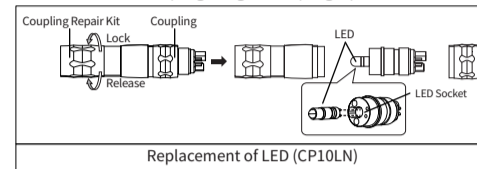
7.2 How to use the coupling repair kit

- ① To attach the repair kit to the coupling, first carefully fit the pins of the repair kit into the pinholes inside the coupling.
- ② Hold the repair kit on one hand while holding the coupling on the other until you hear a "click" and slowly turn it.
- ③ When removing the repair kit, remove the repair kit by pulling on the coupling connecting ring.



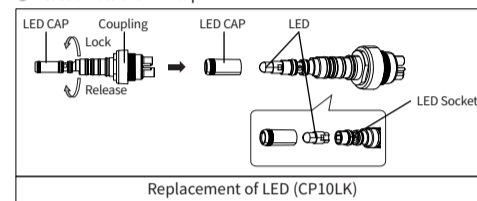
7.3.1 Replacement of LED (CP10LN)

- ① Disassemble the coupling referring to 6.1.2
- ② Remove the LED to be replaced and insert the new LED exactly into the socket hole.
- ③ Reassemble the coupling using the coupling repair kit.



7.3.2 Replacement of LED (CP10LK)

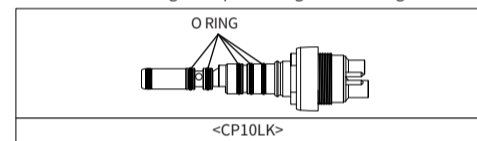
- ① Disassemble the LED cap.
- ② Remove the LED to be replaced and insert the new LED exactly into the socket hole.
- ③ Reassemble the LED cap.



- ⚠ - If the LED is replaced immediately after the coupling operation, the LED may get hot and cause burns.
- If you press the lens part of the LED, it may be damaged.
- When replacing the LED, be sure to use the coupling repair kit. (CP10LN)
- After replacing the LED, be sure to check the LED operation.
- If it doesn't turn on, remove the LED and rotate it 180° to reassemble.




8. Replacement of O-ring (CP10LK)

- ① Take out the damaged O-ring with your finger and be careful not to damage the spare O-ring. Put it in the groove.



- ⚠ - Damaged O-rings can leak air or water.
- Please exchange the O-ring when water is found in the air vent or water leaks from the handpiece connection.

9. Product Maintenance

- ① Wipe the coupling with a brush after every operation
 - ⚠ - Do not use metal brushes.
 - ⚠ - Do not use chloride-containing products.
 - ② We Recommendation of Use of a disinfectant with an alcohol concentration of 70% or higher .
- ⚠   
 - This product is not autoclavable
 - Ultrasonic cleaning and high temperature machine cleaning are prohibited.
 - This product cannot be cleaned or disinfected with a thermomodisinfector.

10. Warranty

SAESHIN guarantees this product for 1 year from invoice date. Product warranty means that SAESHIN has responsibility for defective material or operation failure. The product warranty does not cover user's misuse, wrong installation, inappropriate maintenance and repair, and normal wear of consumable parts such as cartridge and bearing. In order for SAESHIN to confirm if the warranty is valid will require checking the operating condition, environment information, serial number and stamped invoice. The warranty will be performed as a repair or exchange according to manufacturer's analysis of product and judgement.




Warranty Exclusions


Misuse and improper handling by users
Dropping the products during installation, movement or use.
If the unit is damaged due to unspecified consumable parts or accessories.
If the product is not repaired by Saeshin or the repair shop designated by Saeshin.
Normal wear of consumable parts.
Damage and failure due to natural disaster.
If the product is disassembled or modified at will.

⚠ [Precautions]

- Use of any other purpose is prohibited.
- The company did not sterilize the product. Moist heat sterilization may cause malfunction. (Please refer to the 8. Product maintenance)
- Do not drop the product or force with strong external shocks.
- Do not disassemble or modify the product.
- Check for vibration, heat, noise and other abnormal symptoms before use.
- If the product operates abnormally, stop immediately and contact the seller for check.
- Do not remove the air hose while the product is rotating.
- Moisture and impurities may cause malfunction of the product. Please clean and dry with air.
- Make patient safety the top priority when use.
- To maintain it clean, always wipe the product with rubbing alcohol before use.
- Improper use may cause damage to the product. Be sure to use it by a skilled technician or specialist.
- The manufacturer is not responsible for accidents caused by use not in accordance with the instruction manual.
- The user is responsible for the proper use and maintenance of the product.
- This product should not be disposed with general waste.

Use conditions	Shipping/Storage conditions
Temperature: 10~35 °C	Temperature: -20~60 °C
Humidity: 10~80%	Humidity: 10~90%
Atmospheric pressure: 700~1,060hPa	Atmospheric pressure: 500~1,060hPa

This product is the medical device.   1639 

<p>SAESHIN SAESHIN PRECISION CO., LTD. 52, Secheon-ro 1-gil, Dasa-eup, Dalseong-gun, Daegu, Korea Tel. 82-53-581-2341 / Fax. 82-53-580-0999</p> <p>www.saeshin.com / traus@saeshin.com</p>	<p>MERIDIUS MEDICAL EUROPE LIMITED Unit 3D, North Point House North point Business Park New Mallow Road CORK, T23AT2P, Ireland +353 212066448</p> <p>SOM-S084P-E  2023-05-09</p>
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