

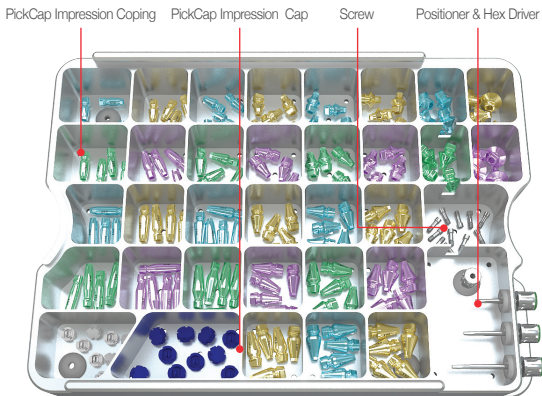
Neo Pick Cap Impression Kit

User Guide



Product description

This product is a Pick Cap Impression Kit consisting of dental implant surgical tools and drivers made of medical grade materials, including titanium, stainless steel, plastic, and the like.



Intended use

The Pick Cap Impression Kit consists of Impression Copings of various diameters and lengths. It is used to acquire oral impressions conveniently.

Preservation

Store at room temperature in a dry location away from direct light.

How to Prepare Before Use

- ① Prior to using this product, the clinician must completely understand the condition, performance, and function of the product.
- ② Use only after raising any doubts and verifying any issues with the manufacturer.
- ③ For the procedure, a plan must be first established, based on checking the patient's oral condition and accurate judgments.
- ④ After taking into consideration the condition of the patient, tools appropriate for the procedure must be prepared.

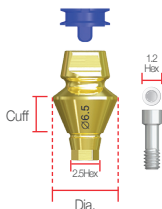
Components

1 IS Pick Cap Impression Coping

The Impression Coping is used by connecting to a fixture that has been implanted intraorally or to an analog.



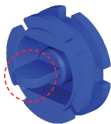
Small Cap			
Diameter($\varnothing$)	$\varnothing 3.5$	$\varnothing 4.0$	$\varnothing 4.5$
	3mm	3mm	3mm
	 ISPCIB3503	 ISPCIB4003	 ISPCIB4503
	5mm	5mm	5mm
	 ISPCIB3505	 ISPCIB4005	 ISPCIB4505
	8mm	8mm	8mm
	 ISPCIB3508	 ISPCIB4008	 ISPCIB4508
	10mm	10mm	10mm
	 ISPCIB3510	 ISPCIB4010	 ISPCIB4510



Small Cap					
Diameter($\varnothing$)	$\varnothing 5.2$	$\varnothing 5.7$	$\varnothing 6.5$	$\varnothing 8.0$	$\varnothing 9.0$
	2mm	2mm	2mm	2mm	2mm
	 ISPCIB502	 ISPCIB602	 ISPCIB702	 ISPCIB803	 ISPCIB903
	3mm	3mm	3mm	4mm	4mm
	 ISPCIB503	 ISPCIB603	 ISPCIB703	 ISPCIB804	 ISPCIB904
	4mm	4mm	4mm		
	 ISPCIB504	 ISPCIB604	 ISPCIB704		
	5mm	5mm	5mm		
	 ISPCIB505	 ISPCIB605	 ISPCIB705		
	6mm	6mm	6mm		
	 ISPCIB506	 ISPCIB606	 ISPCIB706		

2 Pick Cap Impression Cap

The Impression Cap is used to acquire an intraoral impression by connecting to the Pick Cap Impression Coping.



It is in the form of a D-Cut, making it easy to check the direction when replacing the coping when replacing the coping onto the material whose impression is being taken.

	Product	Product Name	Note
Small Cap		PCISC01	Coping Ø3.5 ~ Ø4.5
Large Cap		PCILC01	Coping Ø5.2 ~ Ø9.0

* Can be attached to other components.

3 Positioner & 1.2 Hex Driver

These tools are used to attach the coping in the oral cavity.



	Product	Product Name	Note
Positioner		AP165N	5mm
		HD1215S	15mm
1.2 Hex Driver		HD1220S	20mm
		HD1225S	25mm



After attaching the Positioner to the Hex Driver, connect to the coping, making it possible to tighten with one hand.

| Instruction for use

- 1 Attach the Pick Cap Impression Coping to a fixture that has been implanted in the oral cavity. (Verify whether it is precisely attached to the body groove of the Pick Cap Impression Coping.)
- 2 Obtain the bite impression.
- 3 Verify the direction of the Pick Cap Impression Cap on the the Pick Cap Impression Coping, then emplace and attach it.
- 4 Obtain an impression with the Pick Cap Impression Cap attached.
- 5 After an impression is obtained, attach an Analogue to the separated Pick Cap Impression Coping and replace on the impression body.
- 6 Produce the Lab Model, using the impression body on which the Pick Cap Impression Coping has been replaced.



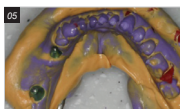
01 Attach a Coping to a Fixture implanted in the oral cavity.



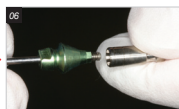
02 Obtain a bite impression



03 Attach a Cap to the Coping



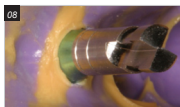
05 Obtain an impression



06 Combine the Coping and the Analogue



07 Reposition the Coping on impression body.



08 Produce the Lab Model, using the impression body on which the Coping was replaced.



Reference

The level of precision of the attachment can be verified by using the notches on the Coping Body.

Precaution for use

- 1 The Pick Cap Impression Cap and the Pick Cap Impression Coping is a single-use product; it must not be reused.
- 2 The maximum recommended number of uses for the Positioner is 50 times.
- 3 The maximum torque value for the 1.2 Hex Driver is 35 Ncm.

How to Sterilize

- 1 Because the product is a non-sterilized medical device, select either a pre-vacuum or a gravity autoclave. (Plastic products must not be sterilized at or above 170°C (338°F))
- 2 Before sterilization, the inner wrapper must be removed from the tray. Assembled components must be separated in order to improve the efficiency of sterilization.
- 3 Using surgical wrap, wrap the tray, seal with autoclave tape, and sterilize.

<Recommended Steam Sterilization Conditions >

	Cycle Type	Temperature	Pressure	Exposure Time	Dry Time
KIT, Instrument	Pre-vacuum ^{1,2}	132 °C	2 bars	3 minutes	30 minutes
		270 °F	28.5 psi		
KIT, Instrument	Gravity ¹	121 °C	1 bars	40 minutes	30 minutes
		250 °F	14.5 psi		

In order to effectively carry out high-pressure steam sterilization, the use of biological indicators at a regular interval must be considered. (Dry heat sterilization or chemical sterilization is not recommended.)

① Minimum time and temperature conditions for steam sterilization to reach the sterilization guarantee level of 10⁻⁶

② If regional or national sterilization requirements are stricter than the conditions provided above, they must be followed.

If the above sterilization conditions are exceeded, it is possible that the plastic and components may be damaged. The sterilization device must be adjusted to ensure that the recommended temperatures are not exceeded.

How to Wash after Use

Surgical Tools

- 1 After the procedure ends, detach all surgical tools from the tray, soak them in alcohol, and rinse them using conventional means.
- 2 After washing by using distilled water or flowing water and rinsing, remove any traces of blood or foreign objects remaining. Use a syringe or pipe cleaner for areas that are difficult to wash.
- 3 Following the instructions of the cleaner manufacturer, dilute the enzyme cleaner using tap water and, after ten minutes of ultrasound washing, rinse using tap water for three minutes.
- 4 Completely remove the moisture using a dry cloth or a warm-air circulator.

KIT Tray

- 1 Remove all visible foreign objects using distilled water or flowing water and a soft brush. For areas that are difficult to clean, use a syringe or pipe cleaner.
- 2 Following the instructions of the cleaner manufacturer, dilute the enzyme cleaner using tap water and soak for one minute. Afterwards, using a soft brush, remove any foreign objects remaining on any part.
- 3 After washing, rinse for three minutes using tap water to remove the remaining enzyme cleaner.
- 4 Completely remove the moisture using a dry cloth or a warm-air circulator.
- 5 Organize the dry surgical tools in the kit case and sterilize, following the sterilization procedure. (At this time, refer to the colors to make the setup easy.)

| How to Store and Maintain after Use

- 1 All surgical tools that were used must be immediately detached, washed, and dried, after the procedure, then stored at room temperature.
- 2 Do not store in a soiled area or where there is a risk of infection.
- 3 This product is a non-sterilized medical device. Accordingly, it may be used only after sterilizing in an autoclave before and after any procedure. (See How to Sterilize)

| Precaution

- 1 Only dentists who have completed implant procedure education and training courses can use this product.
- 2 For each patient, a procedure plan must be established, based on a treatment plan after testing and analyzing for whole-body ailments, infectious disease, whether they are receiving treatment for other ailments, and whether there is any oral lesion.
- 3 The surgeon must use the product only after becoming completely familiar with how to use the product and the relevant warnings, and must select products that fit the treatment plan.
- 4 Before each procedure, the tools must be examined for wear and tear.
- 5 Any external contact with the surfaces is prohibited.
- 6 Improper selection of the patient or procedure may cause failure of the implant or post-surgical bone loss around the implant.
- 7 Hydrogen peroxide is prohibited for disinfection and washing, as it could damage or discolor the TIN Coating, Laser Markings, or Colors.

| Contraindication

- 1 Patients with serious internal ailments: endocrinal ailments such as diabetes or hypertension, circulatory ailments, and ailments related to the blood, organ, or immune systems.
- 2 Patients receiving high-level radiation treatment for malignant tumors or other reasons.
- 3 Patients who have unsuitable jaw relations or problematic occlusions.
- 4 Patients with dry mouths.
- 5 Patients with unrestored teeth who maintain bad oral health conditions.
- 6 Patients with acute inflammatory ailments and patients who are at risk of infection.
- 7 Pregnant patients.
- 8 Smokers.
- 9 Patients with blood clotting conditions or with severe cardiac ailments.
- 10 Children aged 16 years or younger.
- 11 Patients who are allergic to titanium or stainless steel.
- 12 Patients without ordinary wound-healing function.
- 13 Patients who are taking other drugs.
- 14 Patients who are vulnerable to physical and mental stress due to temporary use of a specific medication.
- 15 Patients who are emotionally unstable, such as due to alcohol addition, drug abuse, neurological ailments, or mental ailments.
- 16 Patients who have unrealistic expectations regarding the treatment.

| Side effect

- 1 Using surgical techniques in a skillful manner minimizes the occurrence of complications.
- 2 Paresthesia due to nerve damage or malocclusion, infection, edema, hypodermic bleeding, pain, or opening of the sutures, ulcer in the soft tissues, and other localized adverse reactions may occur.
- 3 Localized and general allergic reactions.

| Label Symbols

Symbol	Definition	Symbol	Definition
	Catalog Number		Consult instruction for use
	Batch Code		Sterilized Using irradiation
	Date of manufacture		Prescription Only
	Manufacturer		Do not re-use
	Caution, consult accompanying documents		Do not use if package is damaged
	Non-Sterile		

* This product is a non-sterilized medical device.



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