

Features:

- Appearance Beautiful and Hand feeling comfortable
- Wider Version and Operation Space due to smaller Body
- Less Pain than ultrasonic Scaler, more applicable for pain sensitive patients.
- Less heat generate during use so that less cooling water used and the version of dentist become clearer.
- The movement track of scaler inserts is like shape of 0, more effective, could quickly eliminate the tartar, plaque and tea teeth, so not only less scratch and hurts on teeth surface but also no any harmful onto gums and teeth enamel.
- Air drive, and directly connect onto 2/4 hole tube of dental unit, very easy to adjust the air pressure according to all kinds of your requirements.
- Metal handle, disinfection durable at both high temperature 135°C and high pressure 0.22MPa, effectively avoid the cross infection.
- No any electromagnetic radiation
- Compare to market level, the working noise level skip down and feels more comfortable.
- With work tips changer, easy to Adaptive with EMS or other brand Work tips

Parameters:

name	Air Scaler	
specifications	SKI-601-M4 (4H)	SKI-601-M2 (2H)
connection	4-hole handpiece spiral tube	2-hole handpiece spiral tube
Frequency	From 0 to 17,000 Hz	
pressure	0.01~0.4 MPa (0~4kgf/cm2)	
air flow	22 L/Min	23 L/Min
durable temperature	135°C	
Weight(exclude scaler insert)	66.2 g (2,14 oz)	64 g (2,1 oz)
Length(exclude scaler tips)	118.5 mm (4,7 inch)	110 mm (4,3 inch)

Accessory:

- Scaler Insert 3 pcs (G1/G2/P3)
- Air Scaler 1 pcs
- Tip Wrench 1 pcs
- Manual Book 1 pcs
- Warranty Card 1 pcs
- Certificate 1 pcs

Usage Notes:

- Limited use for specialty dentist working during treatment dentistry.
- Don't make any disassembly and modification.
- Ask the professional person to repair it when have a fault.
- Please stop using it immediately when have obvious aging, anomalies.
- Regular inspection and maintenance, do not use it when have not through testing and maintenance.
- In order to correctly use must be strictly precautions.

Using Purpose:

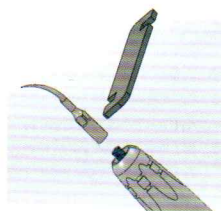
This product is a dentist specialty on the surface of the patient's Plaque; tartar also is used to remove the color of dental treatment.

About the scaler tip (the insert of air scaler)

1、About the tips modes: With 3pcs scaling tips as a gift, suitable tips choose for right treatment.

2、Tips'installation and unloading

- Must use the disinfected tips, should wear gloves when loads and unloads it.
- Put the tips into the snap within the head of air scaler.
- The thread of tip should be screwed as clockwise onto the scaler, and then tighten it by the wrench, be careful not to over tighten. Please note that during installation, the hand should hold the scaler body rather than the device during the installation process.
- Please remove the tip according to counterclockwise turn right.



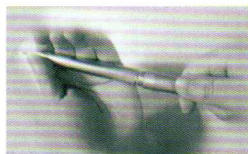
Remark:

- Scaler's insert which have edges, could not be used for position such as subgingival meet the soft tissue.
- Recommend using the original manufacturer teeth cleaning tips, maybe will occur insecure when using other manufacturers scaler tips, causing irregular vibrations and also caused the scaler's head broken.
- Use the original wrench to fix the tip of scaler. Must be confirmed if tips was secure or not before treatment, or else, will cause accidents during the treatment.
- Please wear gloves when Loading and unloading the tips, hand must be careful not to puncture caused by infection.
- Do not over tighten the tips of scaler.
- The tips of scaler because of abrasion and other using situation may accused noise. If the sound is very noisy, never keep it working for too long time.

Installation:

Using 2/4 hole handpiece connector:

- The Scaler connection portion connected with comprehensive treatment of handpiece tube.
- The scaler connection portion connects with handpiece tube well after the insertion and fixed screw nut.
- Confirm Scaler pipe connecting portion completely with handpiece tube.
- The Scaler twist in the opposite direction connection tube on the handpiece when it is removed from the tube.



Adjustment:

1. Confirm Scaler properly installed
2. The treatment units corresponding pressure regulator adjusted to a suitable job (recommended 0.24 MPa)
3. Adjusted to a suitable water atomization

Notes:

1. When using the recommended working pressure is 0.24MPa not exceed 0.35MPa, when the pressure exceeds the tooth surface is scratched, the patient will feel pain, resulting in broken scaler tip. Dentifrice will cause the tip life becomes short.
2. In the process of cleaning teeth using cold water must be sufficient so that the tip and teeth cooled. Inadequate supply of water will cause the tooth surface scratches and teeth cleaning head over consumption.

Scaler:

In order to avoid the patient's pain, injury, and scratches the surface of the tooth, please keep lower pressure when using. And use the most appropriate teeth cleaning tip.

1. Please wear masks, gloves, and protective eyewear during the treatment to avoid the infection
2. Do not work long hours in same treatment site.
3. The tip into the periodontal pocket is too deep can cause scratching the bottom of the periodontal pocket, must be confirmed the depth of periodontal pocket before treatment.
4. In order to achieve the desired cleaning effect and does not scratch the root surface must be use cold water to cool sufficiently
5. The tip use long time and the working condition will cause the noise, must be controlled the using time when the noise is too large, to protect the patient's hearing.

Oiling/Maintenance:

1. Oiling use high-speed handpiece oil, when require oiling as following:
 - a. Before first use
 - b. Before using Autoclavable
 - c. Twice a day, morning and after treatment after one day
 - d. Scaler no working after one week
 - e. After replacing the transducer

Oiling:

- a. When using spray oiling, drive air injection nozzle is inserted teeth cleaning machine oiling a second connecting portion within the inlet tube.
- b. Use high speed handpiece oil; make 4 drops to intake-tube of air scaler
- c. After lubrication, connect to handpiece tube and run 1 minute, until adequately lubricated. Wipe clears away excess oil
- d. When Spray, keep bottle up, if nozzle downward would cause lubrication inadequate
- e. If not properly injected oiling may cause life scaler shorter.

■ Suggestion: use SKI handpiece oil can prolong the life of air scaler

Disinfection:

High temperature and high pressure disinfection for air scaler, work tip, wrench

1. disinfection

The scaler should be disinfected before using for every patient.

The temperature for disinfection is 121 degrees Celsius (250 degrees Fahrenheit) 20 minutes (EN standard 554:1994), or 132 degrees (270 degrees Fahrenheit) 15 minutes (JIS specification T 5910:2005). The highest temperature for air scaler disinfection is 135 degrees (275 degrees Fahrenheit). Or you can set up the temperature by yourself according to your local regulation. Do not use the drying process in order to avoid damage the air scaler.

2. finish disinfection

Please take out the air scaler, scaler tip, wrench from the disinfection furnace after finishing disinfection, and let it dry.

Symptoms/solution:

Symptom	Possible cause	Countermeasures
Do not spray water	<ul style="list-style-type: none">● Do not open the switch of the water supply from dental unit● the water supply setting is wrong from dental unit.● water do not enter into the hand piece tube● water tube of air scaler is stopped up	<ul style="list-style-type: none">● open the water supply switch● set up the water supply● checking the water supply of dental unit● repair the air scaler
No shock, small power	<ul style="list-style-type: none">● no supply air● the bearing of shock is damaged● just finish oiling● some dust or others fall into the shocking bearing	<ul style="list-style-type: none">● adjust the pressure at 0.3MPa.● If no air enter to the transducer, it need repair● change the new transducer● Grease cleaning.● air scaler should be idled for one minute after injected
big noise	<ul style="list-style-type: none">● the scaler head loosen● the scaler hear wore● the transducer wore● just inject oil	<ul style="list-style-type: none">● use wrench to fix● change the new working tip● change the new transducer● idled for one minute after injected
there are water leakage and air leakage in the connection joints	<ul style="list-style-type: none">● do not tighten the joint● the sealing of joint coupling is damaged	<ul style="list-style-type: none">● tighten the hand piece screw joint again● change the sealing

Warranty terms:

From the purchase date, Within six months, If there quality problems caused by artificial factors, the company repair or replacement to ensure the normal use.

Due to the following cases, not covered by this warranty.

- No follow the instruction manual for installation, operation and maintenance;
- an unusual chemical, electric power, electrolytic damage and fell and bruised;
- overuse or out of dental area cause damage
- connection of unsuitability water and gas;
- improper operation or not authorized maintenance
- Outside the normal use