

ZENITON   
**Solution Kit**

# Sinus Crestal Approach Kit

## Introduction

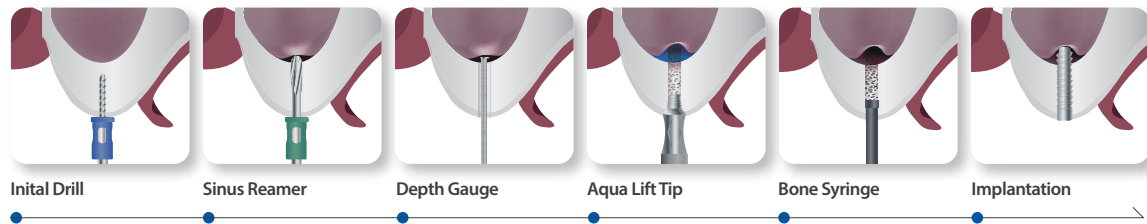
- Sinus Reamer with a precise & definite design
- Simple way of Sinus Membrane Elevation System by water pressure
- Made up with Tools for fast & safe Sinus Elevation Technique

## Feature

- A kit to elevate sinus membrane after approaching to the crestal area
- Possible of safe elevation, using the reamer & diamond bur
- Possible of lift sinus membrane up, using water pressure with Aqua Tip



## Direction for use



## How to use

- Carry out drilling to the end in line with the thickness of the maxillary bone after installing the Initial Drill (Ø1.8) to a stopper. [800 ~ 1,000 R.P.M.]
- Carry out drilling to the end of the maxillary bone after installing the Initial Drill (Ø2.3) to a stopper. [800 ~ 1,000 R.P.M.]
- Carry out reaming the cortical bone in the maxillary sinus using Sinus Reamer (Ø2.8). [800 ~ 1,000R.P.M.]
- Carry out reaming the cortical bone in the maxillary sinus using Sinus Reamer (Ø3.3). [800 ~ 1,000 R.P.M.]  
Use Sinus Reamer (Ø2.8, Ø3.3, Ø3.8, Ø4.2) sequentially to carry out reaming the bone up to the size one size smaller than the implant size to be placed.
- Use Diamond Bur for confirming whether the membrane is elevated finally or for the area where the elevation is difficult in terms of anatomy. [1,000 R.P.M. ~ 1,200 R.P.M.]
- Lift sinus membrane up, using water pressure with Aqua Tip after checking if the drilling is done finally on the cortical bone in the maxillary sinus area.
- After elevation by water pressure, with depth gauge check the drilling depth & membrane perforation, or bone grafting elevation.
- Finally, use bone syringe for the bone filling in the elevated sinus area after elevating sinus membrane.

## Sinus Crestal Initial Drill



Ø1.8    Ø2.3

D	Ø1.8	Ø2.3
-	PD-18	PD-23

- Connecting with stopper, use for drilling until the cortical bone nearby sinus area.
  - Available to connect with stopper
  - Same tool in the Sinus Combination Kit
- [Recommended R.P.M. : 800 ~ 1,000 R.P.M.]

## Sinus Crestal Reamer



Ø2.8    Ø3.3    Ø3.8    Ø4.2

D	Ø2.8	Ø3.3	Ø3.8	Ø4.2
-	SRM-28	SRM-33	SRM-38	SRM-42

- Connecting with stopper, use for drilling where the initial drill is perforated until the cortical bone
  - Even the reamer is reached to the sinus wall, the sinus wall isn't perforated.
  - Available to connect with stopper
  - Same tool in the Sinus Combination Kit, except for SRM-42 (Ø 4.2)
  - Same tool in the Simple Sinus Crestal Reamer Kit
- [Recommended R.P.M. : 800 ~ 1,000 R.P.M.]

## Sinus Crestal Diamond Bur



D	Ø2.8
-	DAR-28

- Even the bur is reached to the sinus wall, the sinus wall isn't perforated
  - May be used for the final drill on the surgery on confirming sinus membrane drilling
  - Available to connect with stopper
  - Same tool in the Sinus Combination Kit & Simple Sinus Crestal Reamer Kit
- [Recommended R.P.M. : 1,000 ~ 1,200 R.P.M.]

## Sinus Crestal Stopper



1.0mm	2.0mm	3.0mm	4.0mm	5.0mm	6.0mm	7.0mm	8.0mm	9.0mm	10.0mm
SCA-ST01	SCA-ST02	SCA-ST03	SCA-ST04	SCA-ST05	SCA-ST06	SCA-ST07	SCA-ST08	SCA-ST09	SCA-ST10

- Possible of safe drilling after connecting with drills or reamers
- Same tool in the Sinus Combination Kit, except for SCA-ST09 (Length : 9.0mm) & SCA-ST10 (Length : 10.0mm)
- Same tool in the Simple Sinus Crestal Reamer Kit, only for the length from 1.0mm to 5.0mm.

## Depth Gauge



-	DG-01
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- After drilling, use for the depth measurement or check whether the sinus wall is perforated
- Available to connect with stopper
- Same tool in the Sinus Combination Kit

## Water Pressure Sinus Handle Adapter



-	AQUA-HA
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- Used for fixing Aqua Tip to the cortical bone in the maxillary sinus with hands

## Aqua Tip



Ø2.8    Ø3.3

D	Ø2.8	Ø3.3
-	ALT-28	ALT-33

- Use for elevating sinus wall by water pressure
- After drilling by sinus crestal reamers, using water pressure elevate sinus wall safely
- Aqua tip with Ø 2.8 Diameter is used when the sinus crestal reamers (Ø 2.8 ~ Ø 3.8) are perforated.
- Aque tip with Ø 3.3 Diameter is used when the sinus crestal reamers (Ø 3.3 ~ Ø 4.2) are perforated.
- Same tool in the Sinus Combination Kit

## Silicone Tube



D	Ø3.0
-	AT-02

- Connecting with Aqua Tip, insert water into silicone tube to make a pressure by water
- Same tool in the Sinus Combination Kit

## Bone Syringe



D	Ø4.5
-	BSG-45

- Use for putting the bone material into the maxillary bone