

# excalibur Glider PRO®

Before using the products, please see the instruction manual as indicated below.

## 1. BRIEF OF THE PRODUCT

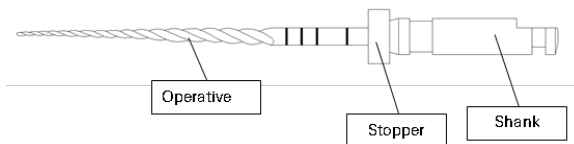
The Excalibur Glider PRO is a root canal instrument designed for establish a glide path in the root canal before doing enlarging, it is used by installing on the contra angle of Endo Motor to doing the movements of lifting and vertical reciprocation. It was special heat treatment to make it Nanocoating alloy and with a unique flexibility. It is type 4 classification base on ISO 3630-1:2019. It is a sterile instrument.

## 2. PRODUCT STRUCTURE AND MATERIALS

The Excalibur Glider PRO is composed of operative part, stoppers and shank.

The main Materials:

- 1) Operative part: Nickel Titanium
- 2) Shank: Brass C3604
- 3) Stoppers: Colorless translucent rubber (CAN19-259705.001)



## 3. BEFORE USING

### Warnings

- 3.1 Only skilled dentists are allowed to use.
- 3.2 Do not use this product except for the dental service and treatment.  
Use it in accordance with the intended use.

### Contraindications and prohibitions

Do not use this product for a patient who indicates sensitization and allergic reaction.

## 4. RE-PROCESSING (BASED ON ISO 17664: 2017)

Our Dental Root Canal Instruments are single use and not approved for re-use.

## 5. SPECIFICATIONS AND METHOD OF USE

5.1 The Specification of Excalibur Glider PRO as the table below (based on ISO 3630-1&ISO3630-5):

| Excalibur Glider PRO® |                      |                   |           |               |
|-----------------------|----------------------|-------------------|-----------|---------------|
| Size                  | Working Length (mm)  | Tip Diameter (mm) | Taper (%) | Color of ring |
| 012                   | 21mm<br>25mm<br>31mm | 0.12              | 4         | white         |

- 5.2 Before using the Excalibur Glider PRO, please use Hand Use K-Files begin from #08 to #015 (not larger than #15) to probe the root canal.
- 5.3 Choose the most appropriate size for each case and follow the general method.
- 5.4 **Recommended reciprocation speed: 400-500 rpm/min, Torque: 4N.cm.**
- 5.5 This Excalibur Glider PRO is under the provisions of ISO 3630 performance test, products' durability for twisting and bending must exceed specified value of our standard.

## 6. PRECAUTIONS FOR USE

- 6.1 Choose the most appropriate type for each case and follow the general method.
- 6.2 Before use, check that the instruments outside the oral cavity are free of deformations, scratches and cracks.
- 6.3 If the head of the product is thin, long or large, there are possibilities for breaking or twisting. Because of this, be sure to avoid using unreasonable angle and excessive pressure.
- 6.4 Wear rubber dam etc. to avoid accidental ingestion and falling.
- 6.5 Do not use this instrument for any purpose except for listed applications above.
- 6.6 Only for use by dentists.
- 6.7 This product should be treated as medical waste when disposed.
- 6.8 Dispose the product if damaged or contaminated.
- 6.9 After using it, wash it with medical cleaning agent and brush, then wash away foreign substances like adherent body fluids and body tissues.
- 6.10 Set the product to a stand when cleaned by ultrasonic cleaner to avoid deterioration of cutting part.
- 6.12 Use this product with great care to avoid puncturing fingers because of its possession of sharp-edged part.
- 6.13 This product has the possibility that it will be corrosive if sunk into NaOCl, EDTA and etc. for a long time.

## 7. CLEANING, DISINFECTION AND STERILIZATION

Not applicable.

The Excalibur Glider PRO is provided sterile and intended for Single Use only.

Disinfection, cleaning and sterilization procedures are not recommended.

Re-use of The Excalibur Glider PRO can increase the risk of cross contamination and breakage.

## 8. TRANSPORTATION

- 8.1 To prevent damage to the medical device during transit, use a specific racks, trays or rigid containers may be recommended.
- 8.2 If the packaging is compromised, the product shall be considered non-sterile and must be discarded.

### 9. STORAGES AND DURATION OF USE

- 9.1 Avoid storing at high temperature, humidity and direct sunlight. Keep liquids away. Store it at room temperature.
- 9.2 Do not damage or make a pinhole to packaging materials.
- 9.3 The product is subject to be improved without previous notice. Enforce the first-in first-out method for stock management.
- 9.4 Do not keep under germicidal lamp to avoid deterioration.
- 9.5 The shelf time of files is 5 years.

### 10. DISPOSAL

For proper disposal, always observe national laws and recommendations of the authorities.

### 11. PACKAGING

- 11.1 Minimum packaging unit: 3pcs/aluminium blister pack.
- 11.2 Assortment: 1pcs from each size in one package.

### 12. EXPLANATION OF RELATED SYMBOLS

| Symbols                                                                                               | Explanation                                         |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
|  FOR DENTAL USE ONLY | For Dental Use Only                                 |
|                      | Do not reuse                                        |
|                    | Material of the operative part: Nickel Titanium     |
|                    | Rotary Use shank                                    |
|                    | Medical Device                                      |
|                    | Material of the stoppers: Silicone                  |
|                    | Opened packages are not replaced                    |
|                    | Batch code                                          |
|                    | Catalogue Number                                    |
|                    | Expired Date                                        |
|                    | Authorized representative in the European Community |

| Symbols                                                                           | Identification                   |
|-----------------------------------------------------------------------------------|----------------------------------|
|  | Manufacturer                     |
|  | Sterilized using irradiation     |
|  | Do not use if package is damaged |
|  | Unique Device Identifier         |

The specifications, structures and materials are subject to be changed without previous notices for the demands of improvement.

The content of this instruction manual is subject to be revised without previous notices.



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