

DENTIS





DENTIS Cleanlant  
X-CUBE

## X-CUBE

### | Reduction geared contra angle with internal and external irrigation

- Push button & lever type
- Reduction ratio 16:1 / 20:1 / 32:1 / 64:1
- Autoclave repeatable

### | Surgical BLDC motor with high technology

- Speed control from 600 to 50,000 rpm and strong torque
- No noise and vibration helps to improve the concentration in surgery
- BLDC motor speed controlled from 600~50,000rpm and 32:1 reduction geared contra angle provides the optimum torque in surgery
- torque : 5.0 ~ 55Ncm
- RPM : 18rpm ~ 1562rpm (32:1 is recommended for the optimum use)

### | Ergonomic foot control pedal

- Easy and quick operation of every function during surgery

### | Compact designed control box with various functions

- Eye-appealing LCD and simple interface
- 10 kinds of gear ratio setting 1:5 / 1:4 / 1:2 / 1:1 / 16:1 / 20:1 / 27:1 / 32:1 / 64:1 / 256:1
- 10 program memory for setting the speed, torque, operation direction, water pump
- Quiet and strong water pump (5 stage - control)
- If the load on the bur is higher than set torque, the motor is stopped automatically after 3 seconds
- For releasing the overload function, step on the foot control pedal

A lever-type internal spray nozzle with a curved metal tube and a lever mechanism.	Internal spray nozzle (lever type)	A tube clamp with a curved metal arm and a locking mechanism.	Tube clamp
A button-type internal spray nozzle with a curved metal tube and a button mechanism.	Internal spray nozzle (button type)	A Y-shaped tube connector with two curved metal arms.	Y-connector
A blue tube holder with a curved metal hook.	Tube holder	A coiled irrigation tube in a plastic bag.	Irrigation tube



# Dmetec Piezo Implant Surgery

## ■ Sinus Bone Graft

### ■ Bony Saw



BS01 | BS1S | BS2L | BS2R |

- Sawing or cutting for autogenous block bone.
- Sawing or cutting for distraction osteogenesis.
- Sawing or cutting in narrow site.
- Sawing or cutting or separation where hand piece can not be reached
- Removal of "tomus" • Ridge Splitting.
- Lateral Window Technique

### ■ Sinus Membrane elevator



SL01 |

- Applied to the initial separation of the maxillary sinus membrane
- Able to separate the membrane surrounding the window without leaving perforations
- making the insertion of an instrument for lift and augmentation of the sinus membrane easy

## ■ Bone Harvesting



HB01 | HB02 |

- Mess for osteoplastic operation or collecting bone chip.
- Osteoplasty for high precision.
- Osteoplasty of sinus lift without any damage to soft tissue.

## ■ Apicoectomy



EX01 | EX02 | EX03 |

- When extracting remaining root rests
- Easy removal can be made even in case of impacted third molars as well as of other hard-to-extract teeth
- Easy extraction of teeth without destroying the bone of the thin Labial Plate and Buccal Plate about the anterior teeth
- Applied to Ridge expansion techniques aimed at narrow areas
- Used for bone surgery for both orthopedic and cosmetic purposes

## DENTIS Cleanlant Luvís PROP



# Luvís PROP

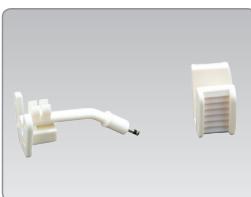
## Feature

### ■ More Closer to Natural Light



- Button for adjusting three levels of light.  
(3,000~ 9,000 Lux)
- Maintaining 5300 Kelvin.
- Minimizing eyestrain.

### ■ AUTOCLAVE



- LED-Unit and Mouth-Prop can be sterilized with AUTOCLAVE.

### ■ Light Weight



- No stress to patient with light weight of 36g.

### ■ Long Running-time on a single charge



- Using for maximum 6 hours on a single charge.  
(Under Brightness : 3,000 Lux / Recharging time : 45~60 min)

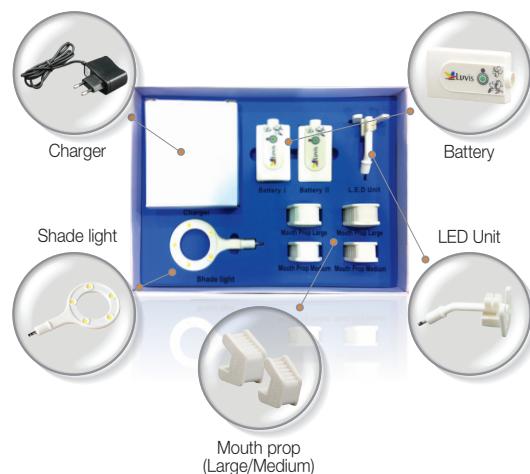
### ■ Shade Matching LED Light



- Remaking-work is reduced by high quality prosthesis production based on accurate shade.
- Constant natural light regardless of any external environments such as whether or time.

## Specification

### ■ Components



### ■ LED unit

Section	Contents	Remark
The number of Lens	5EA	
Brightness	3,000/6,000/9,000Lux	Applying distance : 5cm
Color Temperature	5,300 Kelvin	Applying distance : 5cm
Running-time	6 hours under 3,000Lux 3 hours under 6,000Lux an hour under 9,000Lux	
Recharging-time	45~60min	
Sterilization	LED-Unit and Mouth-Prop are able to be sterilized with Autoclave	Except Battery
Components	Battery:2EA/LED-Unit:1EA/ Mouth-Prop : 4EA (2EA of large, 2EA of medium)	
Weight	36g(Mouth-Prop+LED-Unit+Battery)	

### ■ Shade-Light unit

Section	One-step	Two-step	Three-step
Brightness(lux)	2,500lux	5,500lux	8200lux
Color Temperature		5,800K	
CRI		>90	

## DENTIS Cleanlant Louis Button



# Louis Button

### Equipment of Louis Button

#### ■ Bony Saw



- The cuff height of healing abutment should be more than 3mm

### Louis Button Specification

Single		Twin	
Code No.	Diameter	Code No.	Diameter
DLBS45	Ø 4.5	DLBT45	Ø 4.5
		DLBT50	Ø 5.0
		DLBT525	Ø 5.25
DLBS55	Ø 5.5	DLBT55	Ø 5.5
DLBS60	Ø 6.0	DLBT60	Ø 6.0
DLBS65	Ø 6.5	DLBT65	Ø 6.5

10EA / 1BOX

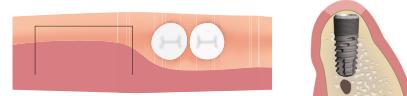
### Clinical Case

#### ■ Lingual Incision with full thickness apically positioned flap

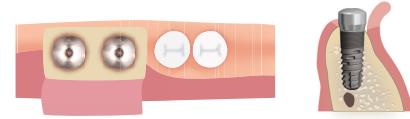


### Suture vs Louis Button

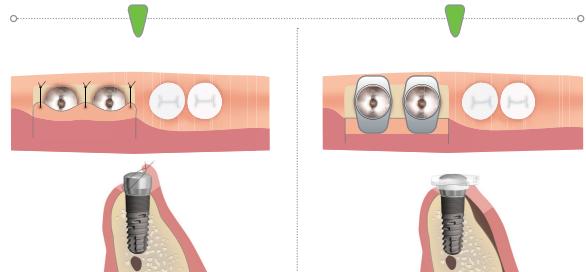
#### ■ Suture ■ Louis Button



- Incision toward lingual of alveolar ridge to reserve to buccal part



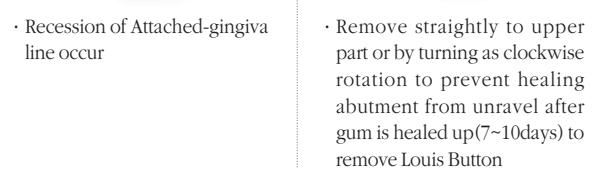
- Handweaving incision operates to 1mm downward of mucogingival junction, and it forms 1 or 2 units as occasion demands.



- Loose suture



- Recession of Attached-gingiva line occur



- Remove straightly to upper part or by turning as clockwise rotation to prevent healing abutment from unravel after gum is healed up(7~10days) to remove Louis Button



## ■ GBR Kit

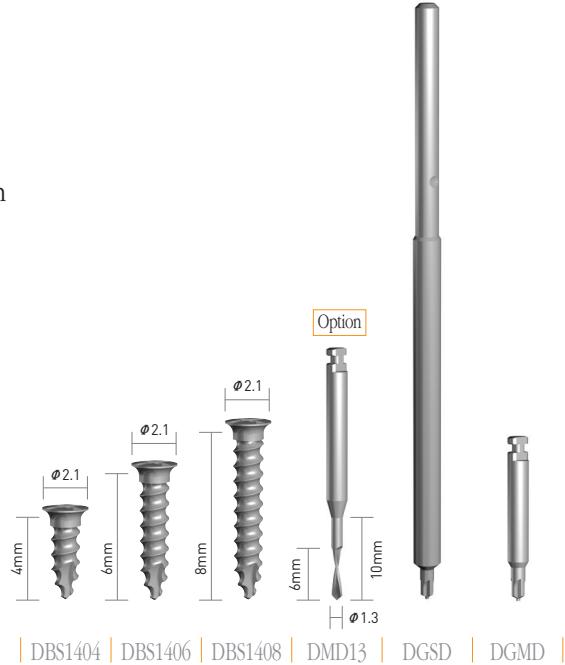
### ■ Features

- Providing most ideal border contour, even irregular surface
- The shape of screw head
  1. Minimizing the tissue damage
  2. Minimizing soft tissue limitation
  3. Excellent stabilization of the membrane by cross type design

### ■ Components

#### ■ DENTIS GBR KIT System is supplied in full as a set

1. Bone screw (Code : DBS1404, DBS1406, DBS1408)
  - GBR for block bone or titanium mesh fixation
2. Drill (Code : DMD13)
  - Initial drill before using the bone screw
3. Driver
  - GBR screw driver (DGSD) for Universal handle
  - GBR machine driver (DGMD) for machine hand-piece
4. Universal handle
  - Universal handle for connecting GBR screw driver



### ■ Instruction

#### ■ Block Bone

1. Using exclusive drill for formation hole after GBR
2. Block bone fixation on the bone graft site
3. Block bone fixation with screw :
 

After connecting Universal handle to GBR screw driver, or connecting GBR machine driver to machine hand-piece
4. Suturing tissue

#### ■ Titanium Mesh

1. Using exclusive drill for formation hole after GBR
2. Covering GBR site
3. Titanium mesh fixation with screw :
 

After connecting Universal handle to GBR screw driver, or connecting machine hand-piece to GBR machine driver
4. Suturing tissue

DENTIS Cleanant  
Tissue Punch Kit



# ■ Tissue Punch Kit

## ■ Sinus Bone Graft

- The surgical operation can be performed without incision
- Easy to remove the tissue
- Excellent cutting efficiency
- Providing fast healing after surgery operation
- Excellent clarity of laser marking



DMTP30 | DMTP40 | DMTP50 | DMTP55 | DMTP60 |

## ■ Components

- Tissue Punch Kit contains a set of 5 TrimRite tissue punches:  $\varnothing 3\text{mm}$ ,  $\varnothing 4\text{mm}$ ,  $\varnothing 5\text{mm}$ ,  $\varnothing 5.5\text{mm}$ , and  $\varnothing 6\text{mm}$  with aluminum case

## ■ Applications

Product \ Diameter	$\varnothing 3$	$\varnothing 4$	$\varnothing 5$	$\varnothing 5.5$
Healing Aubment	e-Clean $\varnothing 4.0$	s-Clean $\varnothing 4.5$ e-Clean $\varnothing 5.0$	i-Clean $\varnothing 5.5$ s-Clean $\varnothing 5.5$ e-Clean $\varnothing 6.0$	Internal SAVE $\varnothing 6.4$ s-Clean $\varnothing 6.5$

Recommended RPM: 500 RPM





DENTIS Cleanlant  
Split Master II

# ■ Split Master II

## ■ Usage and Application

It is product combination of instrument for single and Multiple implants.

**Pilot Drill**: It is used for making a initial hole.

**Bone Expander**: It is used for the single implant with narrow bone width or weak ossein to expand bone or upgrade ossein.

**Bone Crester**: It maintains the initial fixation strength of implants to increase the success rate of implant surgery when multiple implants with narrow bone width.



Split Chisel Set



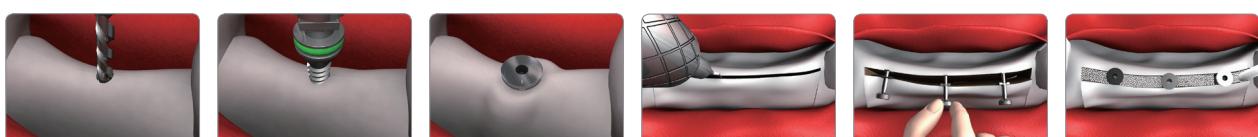
Pilot Drill & Bone Expander Tip

	1 White	2 Orange	3 Red	4 Blue	5 Green
Apical	1.8	2.1	2.4	2.7	2.9
4mm					
6mm	2.6	3.0	3.4	3.8	4.3
8mm					
20mm					
Length	17	17	17	17	17



Bone Crester

## ■ Direction For Use



DENTIS Cleanlant  
Split Chisel Set

## ■ Split Chisel Set

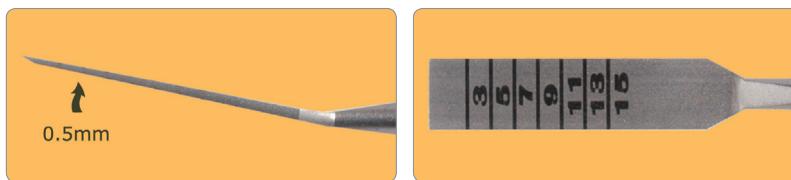
### | Usage and Application

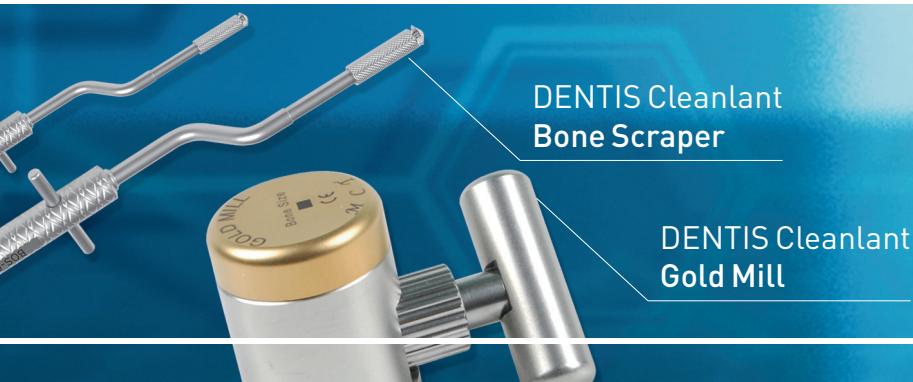
It is 0.5mm thick used to widen narrow area in surgery.

- Economically designed to maximize productivity by minimizing user fatigue
- Precise machine work for shape, thickness and balance
- Sterilizable



Split Chisel Set



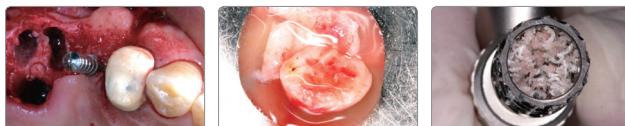


DENTIS Cleanlant  
Bone Scraper

DENTIS Cleanlant  
Gold Mill

## Gold Mill

Gold Mill is small enough to be completely grasped by hand and compact with simple system, which minimized bone loss as well as is very easy to use, maintain wash.

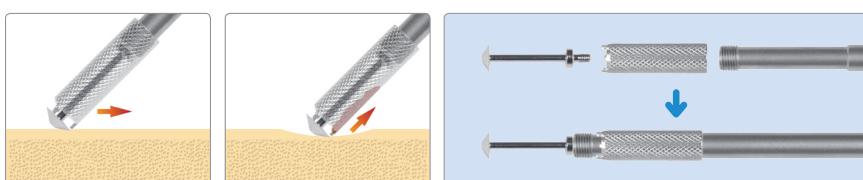


Gold Mill

## Bone Scraper

It scratches bone to collect and can be sterilized as well as economically used with replaceable tip.

- Effective and easy to use
- Minimum operating time
- Decreased post-surgery discomfort to patients
- Collection of the ideal quantity of bone
- Minimally invasive
- Simplified cortical bone removal instrument
- Reusable

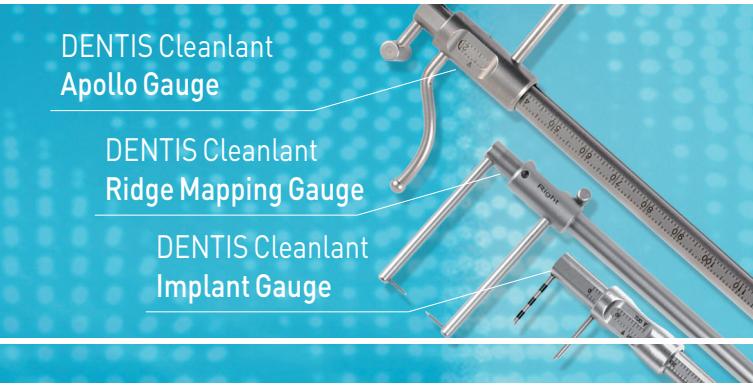


Bone Scraper(Curved)

DENTIS Cleanlant  
Apollo Gauge

DENTIS Cleanlant  
Ridge Mapping Gauge

DENTIS Cleanlant  
Implant Gauge



## ■ Ridge Mapping Gauge

### | Usage and Application

It can measure bone thickness without tissue incision.



It can be conveniently read since the scale mark is located in the back side.

## ■ Implant Gauge

### | Usage and Application

It can measure the width of the gap and length of implants

It can be used to check the available space before the start of treatment

(A) It can be used to mark the desired site of implantation.



## ■ Apollo Gauge

### | Usage and Application

It is used to measure tooth length of edentulous patients.

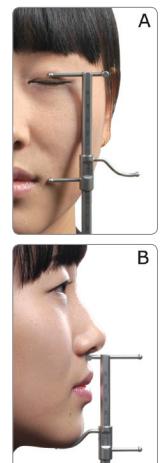
Accurate measurement is possible with anxiety non-provoking round end.

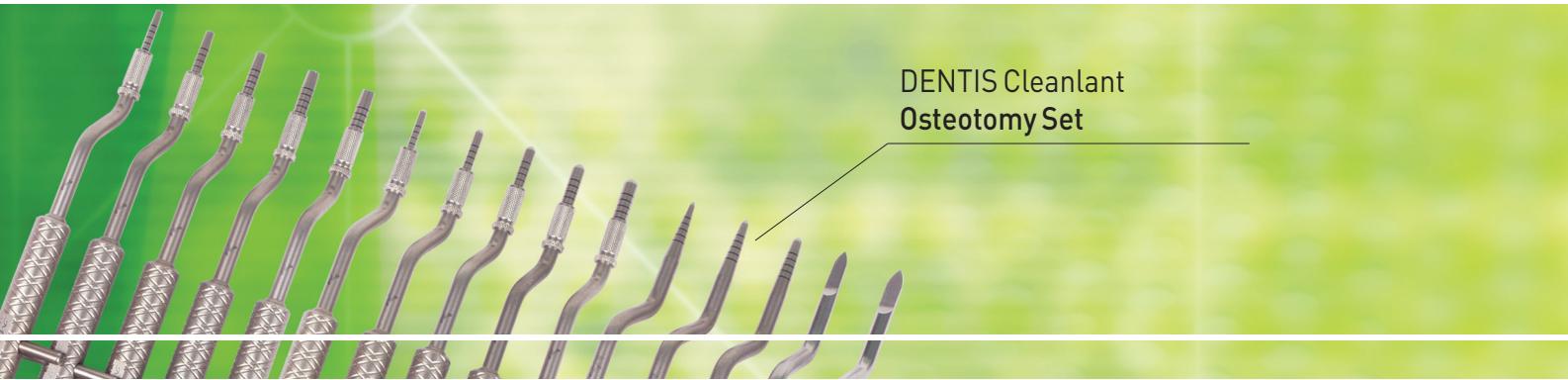
### | Direction for use

According to the theory of Dr.willis, the size measure in picture A is 7.2cm, which is equivalent to the size of picture B. In case of edentulous patients, the difference in length between A and B can determine the thickness of block arch and tooth size.



Apollo Gauge





# ■ Osteotomy Set

## Features

Best safety with double stopper. Best convenience with angle.  
Handle to minimize malleting. Size-distinguishable color mark.



Osteotome Rigid Set



Angle

Rigid1	Rigid2	Rigid3	Rigid4	Rigid5
OSR-01	OSR-02	OSR-03	OSR-04	OSR-05
$\varnothing 2.5$	$\varnothing 3.0$	$\varnothing 3.5$	$\varnothing 4.0$	$\varnothing 4.5$

Name	Code	Dimension	Components	Remark
Rigid Set	OSR-SET	$\varnothing 2.5/\varnothing 3.0/\varnothing 3.5/\varnothing 4.0/\varnothing 4.5$	5EA/SET	Double Stopper Type



Osteotome Thermos Set



Thermos1	Thermos2	Thermos3
OST-01	OST-02	OST-03
$\varnothing 2.2 \sim \varnothing 2.7$	$\varnothing 2.7 \sim \varnothing 3.2$	$\varnothing 3.2 \sim \varnothing 3.7$
Thermos1	Thermos2	Thermos3
OST-04	OST-05	
$\varnothing 3.7 \sim \varnothing 4.2$	$\varnothing 4.2 \sim \varnothing 4.7$	

Name	Code	Dimension	Components	Remark
Thermos Set	OST-SET	A $\varnothing 2.2$ -B $\varnothing 2.7$ A $\varnothing 2.7$ -B $\varnothing 3.2$ A $\varnothing 3.2$ -B $\varnothing 3.7$ A $\varnothing 3.7$ -B $\varnothing 4.2$ A $\varnothing 4.2$ -B $\varnothing 4.7$	5EA/SET	Double Stopper Type



Osteotome Gaori Set



Gaori1	Gaori2	Gaori3	Gaori4	Gaori5
OSG-01	OSG-02	OSG-03	OSG-04	OSG-05
$\varnothing 2.5$	$\varnothing 3.0$	$\varnothing 3.5$	$\varnothing 4.0$	$\varnothing 5.0$

Name	Code	Dimension	Components	Remark
Gaori Set	OSG-SET	$\varnothing 2.5/\varnothing 3.0/\varnothing 3.5/\varnothing 4.0/\varnothing 4.5$	5EA/SET	No Stopper Type

DENTIS Cleanlant  
Implant Basic Kit(IBS-SET)



## Implant Basic Kit(IBS-SET)

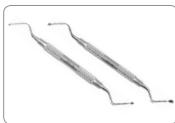
### Contents List

The one Curette/ Bone Curette/ Bone Curette Curved/Periosteal Elevator/Periosteal Elevator Saldin/ Ochsenbein Chisel Universal/ Titanium Suction Tip/Mes Holder(Straight)/Mes Holder(Stick)/Wide Pincette/Double Lock Tissue Forcep/ Edson Tissue Forcep 12cm/Minisota Retractor/ Mirror&Mirror Holder/Mallet 20mm/Bone Well(Lid-mall)/ Castro Gauge Curved-Small/Mini Bone Rongeur/Lagrange Scissor/Irish Scissor T/C/Needle Holder T/C 16cm/ Towel Clamp Suction 12cm/Hemo 12cm Curved

It can be used on Implant Surgery as basic tools.



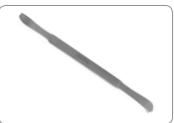
The One Curette



Bone Curette Curved



Periosteal Elevator



Periosteal Elevator Saldin



Ochsenbein Chisel Universal



Titanium Suction Tip



Mes Holder(Straight)



Mes Holder(Stick)



Wide Pincette



Double Lock Tissue Forcep



Edson Tissue Forcep 12cm



Minisota Retractor



Mirror & Mirror Holder



Mallet 20mm



Bone Well(Lid-mall)



Castro Gauge Curved - Small



Mini Bone Rongeur



Lagrange Scissor



Irish Scissor T/C



Needle Holder T/C 16cm



Towel Clamp Suction 12cm



Hemo 12cm Curved



DENTIS Cleanant  
Trimmer Kit

## Trimmer Kit

### Tissue punch

Secondary operation at the time of uses with elimination.  
Flaples operation at the time of elimination.  
Healing autment size selection which hits to diameter sizes.



| SDTIS-30 | SDTIS-35 | SDTIS-40 | SDTIS-45 | SDTIS-50 |

### Trephine bur

Bone picking are easy. Superior cutting force, loss minimization.



| SDTRB-04 | SDTRB-05 | SDTRB-06 | SDTRB-07 | SDTRB-08 |

### Guide punch



| SDGTS-40 |



| SDGTS-50 |



| Saw disk |

DENTIS Cleanlant  
Torque Driver

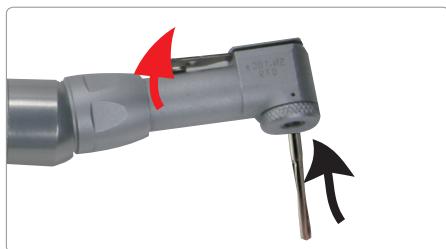


## ■ Torque Driver

Dial type torque controller having 6 different torque scales from 10 to 35 N/cm makes you easy to select and apply aimed torque

### | INSTALLATION

- Turns Latch key to right
- Inserts driver
- Turns Latch key to left



### | TORQUE CONTROL

- Rotate Rorque Selector in clock wise, until the selected torque



### | OPERATION

- Rotate the handle in clock wise, until it rotate without resistance





## **Distributor**

ASKLEPION-Trade s.r.o., Londynska 160/39, 120 00 Praha 2, Czech Republic

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