

**orikam**

Dedicated  
Towards  
Best in  
Dentistry



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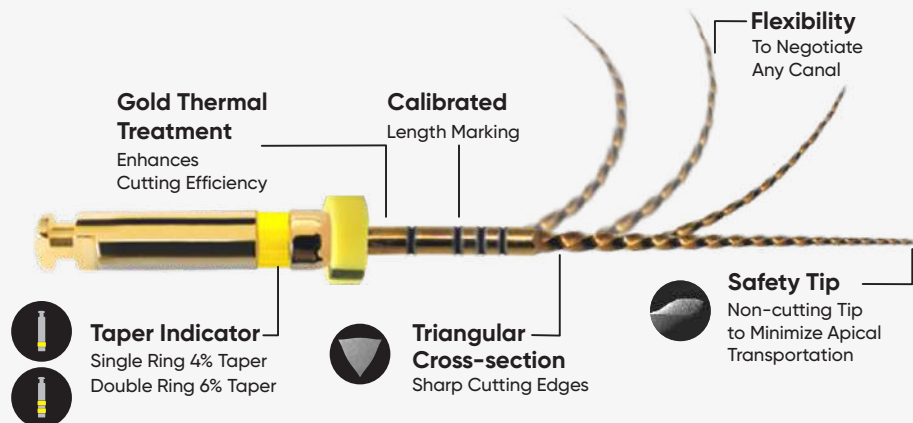
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# NEOENDO FLEX FILES

*The Next Level of Performance*



Neoendo Flex Files utilize a proprietary heat treatment which gives them a very unique flexibility, flutes do not open when the stress levels are reached, yet the files do not present shape memory



- Unmatched gold quality at almost half the price
- Most cases require just 2 to 3 files
- Do more canals per file

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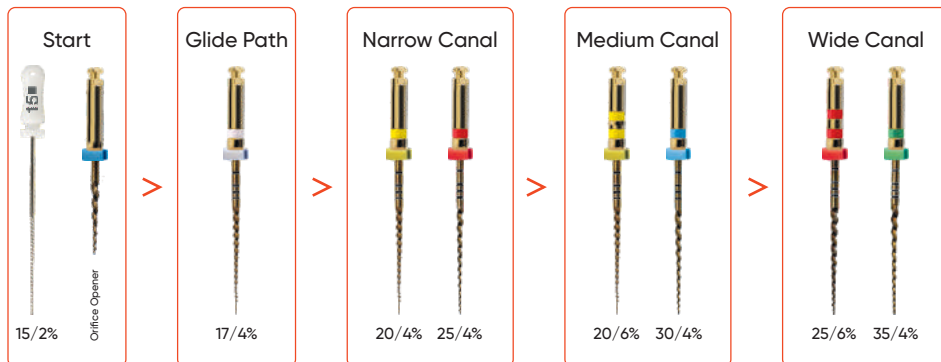
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# NEOENDO FLEX FILES

*The Next Level of Performance*

## Recommended Usage Protocol



- Use Flex Files / Flex Glide Files with gentle touch. Never force the file and always use the recommended speed & torque setting.
- Use the file in brushing motion. Take the file passively to the point of light resistance and brush out of the canal. Repeat the procedure until working length is achieved.

## Available Sizes

| Color                                                 | Tip Size | Taper (%) |   | Length [mm] |    |    | Speed   Torque                              | Pcs   |
|-------------------------------------------------------|----------|-----------|---|-------------|----|----|---------------------------------------------|-------|
| ○                                                     | 17       | 4         | - | 21          | 25 |    | Speed:<br>350 rpm<br><br>Torque:<br>1.5 NCm | 6 Pcs |
| ●                                                     | 20       | 4         | 6 | 21          | 25 |    |                                             |       |
| ●                                                     | 25       | 4         | 6 | 21          | 25 |    |                                             |       |
| ●                                                     | 30       | 4         | 6 | 21          | 25 |    |                                             |       |
| ●                                                     | 35       | 4         | 6 | 21          | 25 |    |                                             |       |
| ●                                                     | 40       | 4         | 6 | 21          | 25 |    |                                             |       |
| Coronal Flaring File: 30/8                            |          |           |   | 19          |    |    |                                             |       |
| Assorted Pack: 17/4   20/4   25/4   20/6   25/6   CF* |          |           |   | 21          | 25 | 31 |                                             |       |
| Assorted Big: 30/4   30/6   35/4   35/6   40/4   40/6 |          |           |   | 21          | 25 |    |                                             |       |

\* CF : Coronal Flaring File

# NEOTAPER

## *Progressive Variable Taper Files*

- Neotaper shares the same fundamental metallurgy, heat treatment and triangular cross-section as Neoendo Flex File with a new sequence of variable taper files
- High Cutting Efficiency
- Minimally Invasive
- Ideal Balance of Strength and Flexibility
- CTA Wire – Controlled Thermal Activation

### Triangular Cross-section

- Triangular cross-section has proven to be work horse of rotary endodontics
- Adequate area to auger debris



Optimized core size

Sharp cutting edges

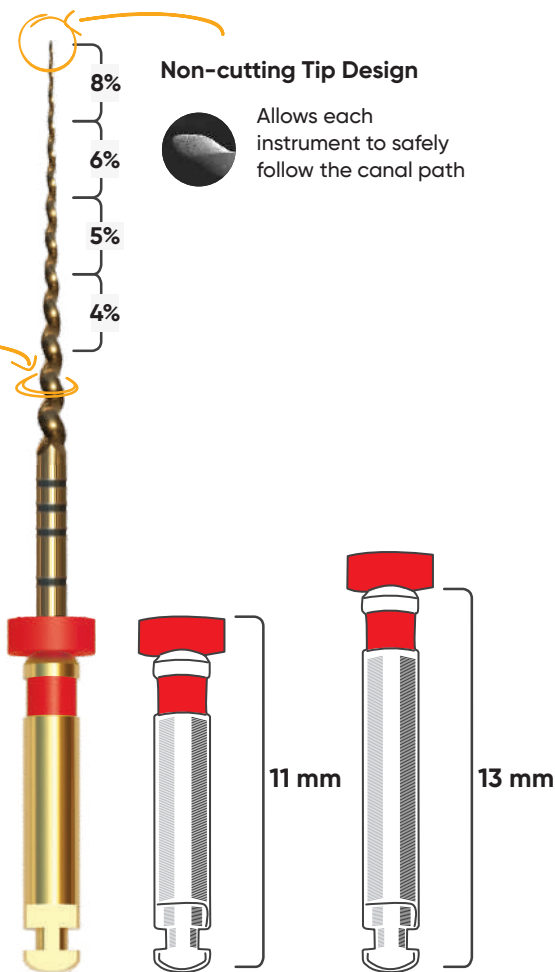
### Non-cutting Tip Design



Allows each instrument to safely follow the canal path

### Short Handle (11 mm)

- 11 mm Short handle provides better accessibility in limited mouth opening
- Increased visibility



Available Sizes

Sx, S1, S2, F1, F2, F3, F4, F5 (21mm & 25mm)

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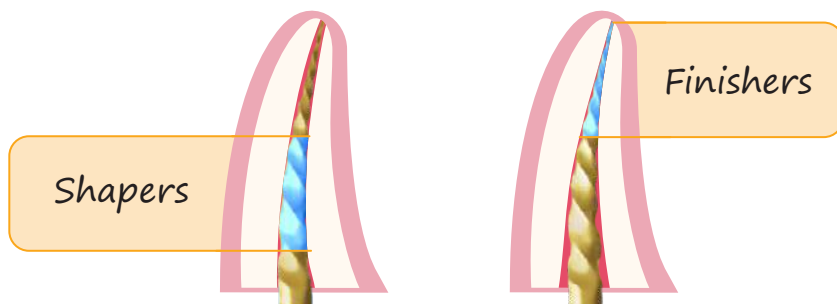
# NEOTAPER

## Progressive Variable Taper Files

### Sx

- Specialty instrument designed to shape and open the canal orifice
- Sx is designed to cut from the middle part
- Non-cutting tip of Sx enables it to glide through the soft tissue easily
- Sx provides a safe entry path into the canal for next files- S1, S2

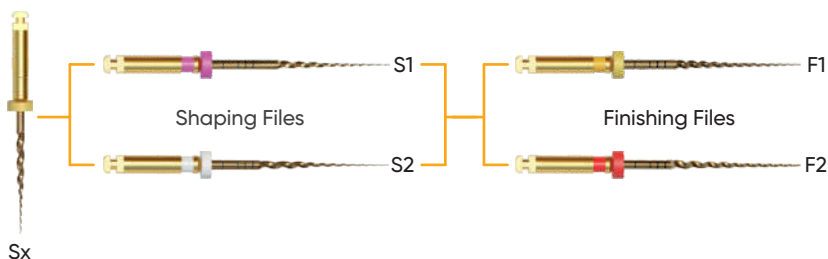
### Shapers & Finishers



- Shapers are designed with narrow tapers in the apical third and higher and increasing tapers in the middle and coronal third
- Shapers are for preparing the middle and coronal third
- Narrow taper in shaping files create a path for finishers to reach the apical third easily and clean the apical third efficiently
- S1, S2
- Finishers are designed with higher tapers in the apical third and decreasing taper in the middle and coronal third
- Finishers are for apical third
- The taper decreases in coronal portion reducing chances of taper lock
- F1, F2, F3, F4, F5

### Usage Protocol

**SPEED: 350 rpm | TORQUE: 1.5-2 NCm**

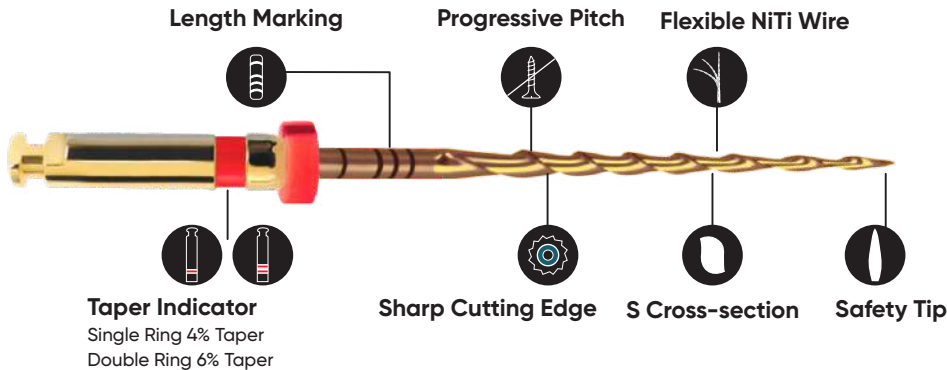


- Use Neotaper Files with gentle touch. Never force the file and always use the recommended speed and torque setting.
- Use the file in brushing motion. Take the file passively to the point of light resistance and brush out of the canal. Repeat the procedure until working length is achieved.

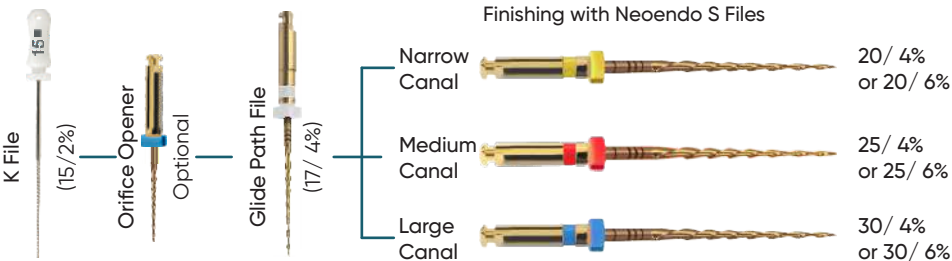
# NEOENDO S

*S-cross Section- Higher Cutting Efficiency*

Neoendo S rotary file is designed to have a special S-shaped cross-section. This allows minimum radial wall contact which translates to reduced stress on the file.



## Usage Protocol



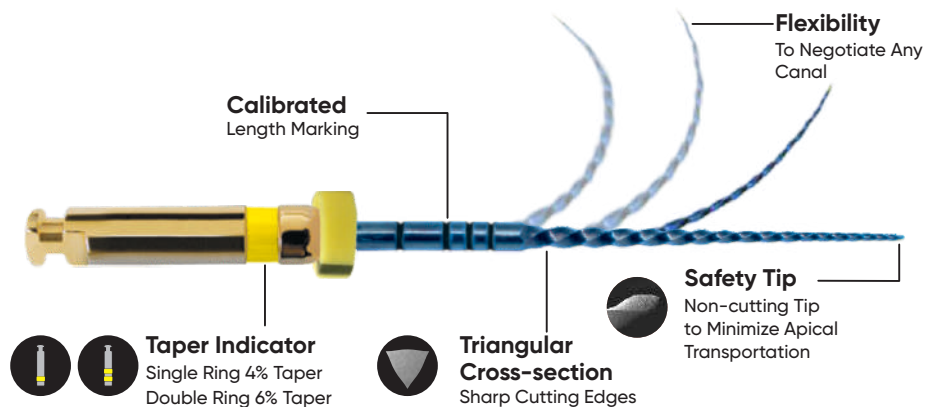
## Available Sizes

| Color                                       | Tip Size | Taper (%) |   | Length [mm] |    | Speed Torque                              | Pcs   |
|---------------------------------------------|----------|-----------|---|-------------|----|-------------------------------------------|-------|
| ○                                           | 17       | 4         | - | 21          | 25 | Speed:<br>400 rpm<br><br>Torque:<br>2 NCm | 6 Pcs |
| ●                                           | 20       | 4         | 6 | 21          | 25 |                                           |       |
| ●                                           | 25       | 4         | 6 | 21          | 25 |                                           |       |
| ●                                           | 30       | 4         | 6 | 21          | 25 |                                           |       |
| ●                                           | 35       | 4         | 6 | 21          | 25 |                                           |       |
| Coronal Flaring File: 30/8                  |          |           |   | 19          |    |                                           |       |
| Assorted Pack: 17/4 20/4 20/6 25/4 25/6 CF* |          |           |   | 21          |    |                                           |       |

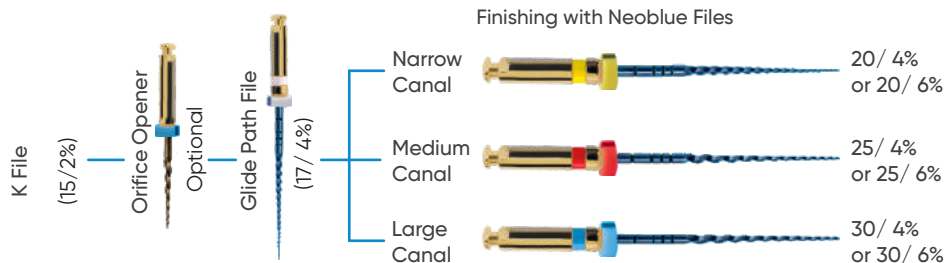
\* CF : Coronal Flaring File



# NEOENDO NEOBLUE



## Usage Protocol



## Available Sizes

| Color                                                 | Tip Size | Taper (%) |   | Length [mm] |    | Speed Torque                                | Pcs   |
|-------------------------------------------------------|----------|-----------|---|-------------|----|---------------------------------------------|-------|
| ○                                                     | 17       | 4         | - | 21          | 25 | Speed:<br>350 rpm<br><br>Torque:<br>1.5 NCm | 6 Pcs |
| ●                                                     | 20       | 4         | 6 | 21          | 25 |                                             |       |
| ●                                                     | 25       | 4         | 6 | 21          | 25 |                                             |       |
| ●                                                     | 30       | 4         | 6 | 21          | 25 |                                             |       |
| ●                                                     | 35       | 4         | 6 | 21          | 25 |                                             |       |
| ●                                                     | 40       | 4         | 6 | 21          | 25 |                                             |       |
| Coronal Flaring File: 30/8                            |          |           |   | 19          |    | Speed:<br>350 rpm<br><br>Torque:<br>1.5 NCm | 6 Pcs |
| Assorted Pack: 17/4   20/4   25/4   20/6   25/6   CF* |          |           |   | 21          | 25 |                                             |       |

\*CF : Coronal Flaring File



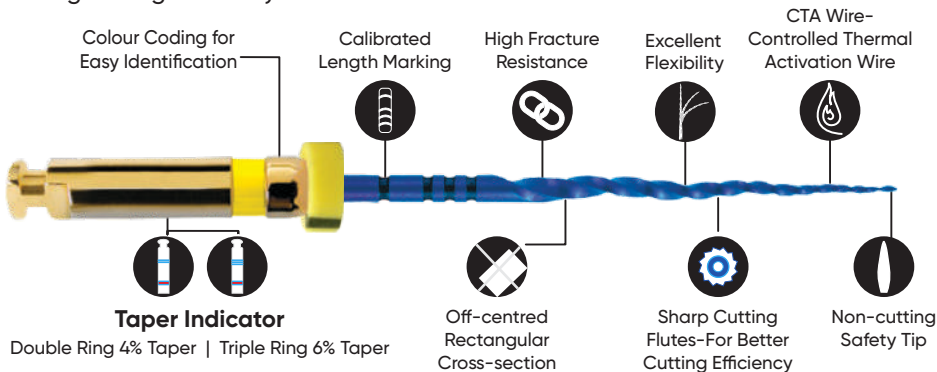
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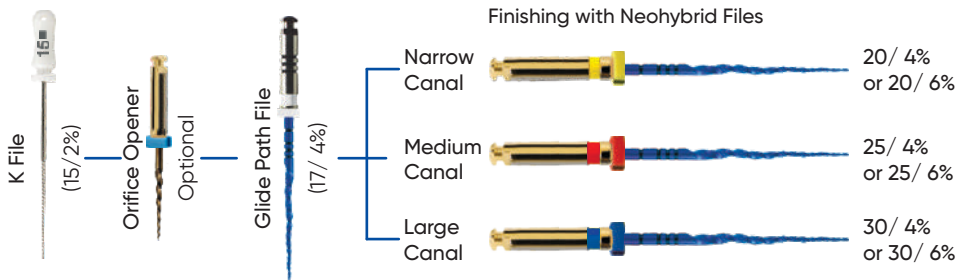
# NEOENDO NEOHYBRID

## Off-Centered Rectangular Cross-section

Neohybrid has an off-centered rectangular cross-section providing high flexibility and enhances loading & auguring of debris. Further, CTA wire improves flexibility while retaining cutting efficiency.



### Usage Protocol



### Available Sizes

| File                                                  | Tip Size | Taper (%) | Length [mm] | Speed Torque    | Pcs   |
|-------------------------------------------------------|----------|-----------|-------------|-----------------|-------|
|                                                       | 17       | 4         | -           | 21              | 25    |
|                                                       | 20       | 4         | 6           | 21              | 25    |
|                                                       | 25       | 4         | 6           | 21              | 25    |
|                                                       | 30       | 4         | 6           | 21              | 25    |
|                                                       | 35       | 4         | 6           | 21              | 25    |
| Assorted Pack: 17/4   20/4   25/4   20/6   25/6   CF* | 40       | 4         | 6           | 21              | 25    |
|                                                       | 21       | 25        |             |                 |       |
|                                                       |          |           |             | Speed: 350 rpm  | 6 Pcs |
|                                                       |          |           |             | Torque: 1.5 NCm |       |



# NEOENDO RETREATMENT FILE



Size 30 | Taper 9% | Length 16mm



Size 25 | Taper 8% | Length 18mm



Size 20 | Taper 7% | Length 22mm/ 25mm

- Rotary file sequence for effective removal of gutta percha, resin and other obturation material
- Three simple steps in crown down sequence for quick and easy retreatment procedure
- Unique file design (parallelogram cross-section with active cutting tip) increases cutting efficiency and flexibility makes it compatible with all types of canal
- Provides solutions for obturation removal, cleaning and shaping of canal during retreatment procedure

## Usage Protocol

Step-1



**N1** For Coronal One-third (16mm)

Step-2



**N2** For Middle One-third (18mm)

Step-3



**N3** For Apical One-third (22/25mm)

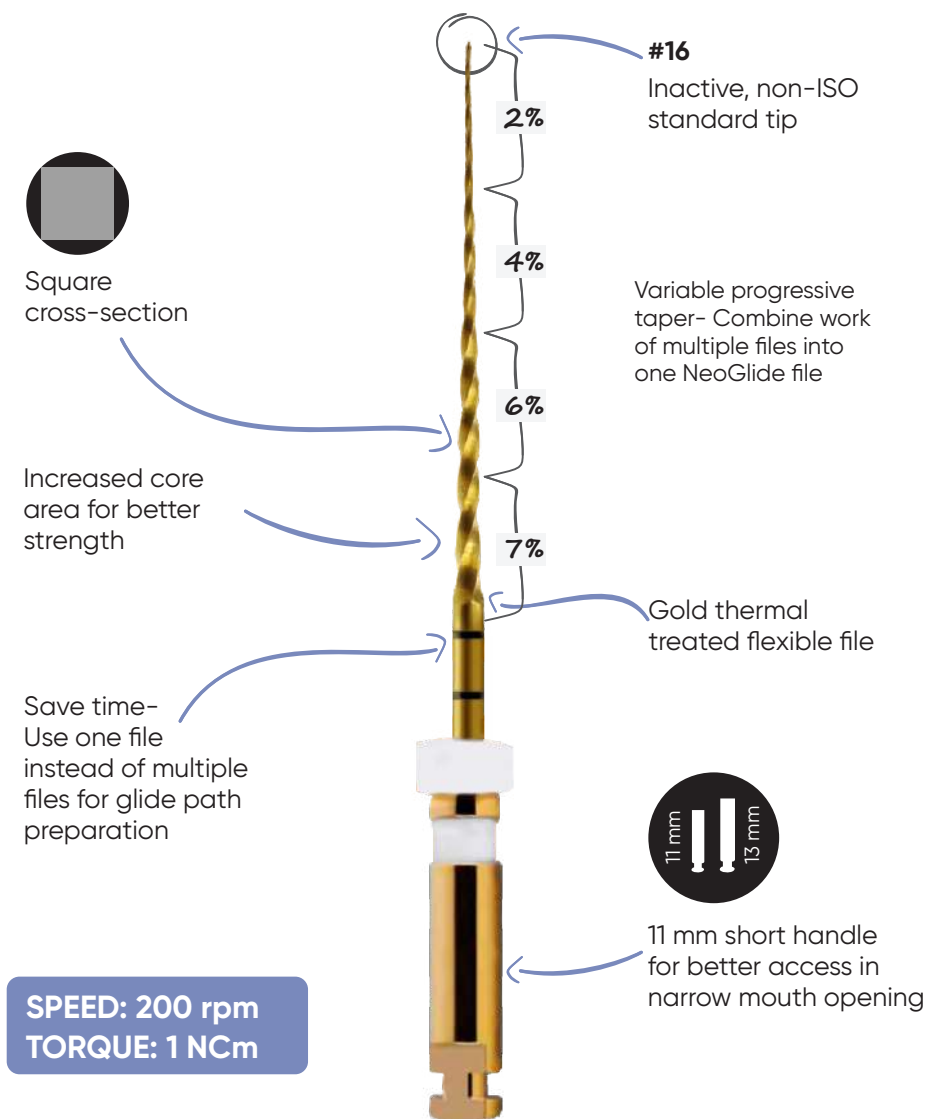
**SPEED: 350 rpm | TORQUE: 1.5 Ncm**



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# NEOENDO NEOGLIDE



ONE FILE FOR ALL GLIDE PATHS

# NEOENDO FLEX GLIDE

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#13, 2% Taper ; Length 21/25mm



#16, 2% Taper ; Length 21/25mm



#19, 2% Taper ; Length 21/25mm

Due to the enhanced flexibility, small taper size (2%) and non-ISO standard tip sizes, Neoendo Flex Glide files save time and effort and also reduce the risk of canal aberrations (ledges, zips and transportation)

**SPEED: 200 rpm | TORQUE: 1 NCm**

## PEDOFLEX

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Size 20 | Taper 4% | Length 16mm



Size 25 | Taper 4% | Length 16mm



Size 30 | Taper 4% | Length 16mm

### Available Sizes

- Size 20 | Taper 6%
- Size 25 | Taper 6%
- Size 30 | Taper 6%
- Size 35 | Taper 6%
- Size 40 | Taper 6%
- Size 45 | Taper 6%
- Size 35 | Taper 4%
- Size 40 | Taper 4%
- Size 45 | Taper 4%

**Assorted Pack:** 20/4% | 25/4% | 30/4%

### Advantages

- Pedoflex pediatric rotary files with length 16 mm & taper 4%
- Simple file sequence for quick and easy treatment procedure
- Unique file design with excellent cutting efficiency & flexibility makes it compatible with all types of primary teeth canals

**SPEED: 350 rpm | TORQUE: 1.5 NCm**

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# NEOENDO K-File

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## Description

- **Material:** Stainless steel. ISO color coded hand end, made up of plastic with serration for better grip. Passivated to prevent rusting
- **Cross-section:** Square cross-section hand files
- **Tip:** Non-active tip to prevent ledge formation in curved canals
- **High Elasticity & Tensile Strength:** Less potential of file separation

## Technical Features

- ISO Sizes: 6 to 40, Assorted Pack 15-40
- Length: 21, 25, 31 mm
- Taper of 2%
- Packaging: x 6 Pcs

# NEOENDO H-File

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## Description

- **Material:** Stainless steel, ISO color coded, hand-end made up of plastic with serration for better grip. Passivated to prevent rusting.
- **Cross-section:** Tear shaped cross-section with extremely sharp edges
- **Tip:** Non-active tip to prevent ledge formation in curved canals
- **High Elasticity & Tensile Strength:** Flexible with less potential of separation

## Technical Features

- ISO Sizes: 10 to 40
- Length: 21, 25 mm
- Taper of 2%
- Packaging: x 6 Pcs



## Description

- **Material:** Made up of high quality carbon stainless steel. Passivated to prevent rusting
- **Cross-section:** Square cross-section hand files provide more bulk to the core of the file
- **Tip:** Active cutting tip to engage the dentin in calcified canal
- **High Elasticity & Tensile Strength:** Stiffer file with less potential of separation

## Technical Features

- ISO Sizes: 6, 8, 10, 12, 15
- Length: 21, 25 mm
- Taper of 2%
- Packaging: x 4 Pcs

# NEOENDO Gutta Percha & Absorbent Paper Points

## Constant Taper GP

| Size  | 60 Points | 120 Points |
|-------|-----------|------------|
|       | Taper     | Taper      |
| 10    |           | 2          |
| 15    | 4,6       | 2, 4, 6    |
| 20    | 4,6       | 2, 4, 6    |
| 25    | 4,6       | 2, 4, 6    |
| 30    | 4,6       | 2, 4, 6    |
| 35    | 4,6       | 2, 4, 6    |
| 40    | 4,6       | 2, 4, 6    |
| 15-40 | 4,6       | 2, 4, 6    |

- ISO Specifications
- Length Marked
- Colour Coded
- Hand Rolled
- Made of the Finest Materials



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## Variable Taper GP



- Sizes: F1, F2, F3, Assorted
- Excellent Radiopacity
- Length Marked

## Constant Taper PP

| Size  | 120 Points | 200 Points |
|-------|------------|------------|
|       | Taper      | Taper      |
| 10    |            | 2          |
| 15    | 4,6        | 2          |
| 20    | 4,6        | 2          |
| 25    | 4,6        | 2          |
| 30    | 4,6        | 2          |
| 35    | 4,6        | 2          |
| 40    | 4,6        | 2          |
| 15-40 | 4,6        | 2          |

- Sterile
- Length Marked
- Colour Coded
- Consistency in Size & Shape
- Uniformly Rolled for Close Tolerance



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## Variable Taper PP



- Sizes: F1, F2, F3, Assorted
- Sterile
- Length Marked

# Helios 500

## *Intraoral Scanner*

- Automatic & adaptive calibration, manual calibration is not necessary any more
- One of the most accurate and fastest scanner on the market
- Small & light enough to operate it easily, though it achieves a 16mm x 14mm high-definition field of view



### **Faster**

Scan a full arch in less than 30 seconds with HELIOS 500



### **Accurate**

As one of the most accurate scanners in the market, HELIOS 500 has reached the state-of-the-art accuracy level- the average deviation of a in-vivo full arch scan is around 20µm.



### **Lighter**

Only 185gm, one of the most lightweight scanners in the market, well-balanced, ergonomically designed and easy to carry.



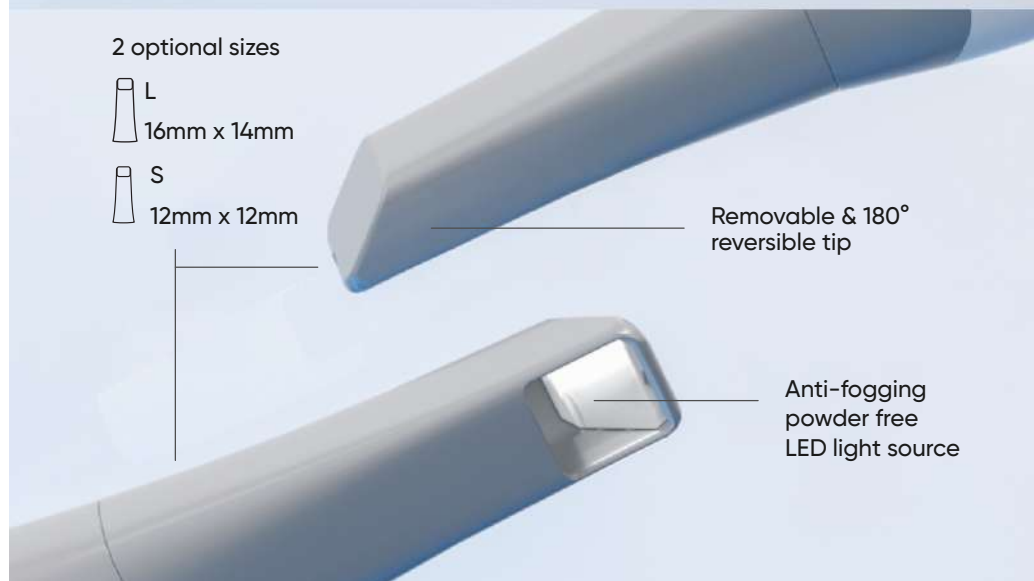
### **AI Driven**

AI technology filters the soft and moving tissues, offering users a smooth scanning experience and generating a natural-looking treatment outcomes.



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## Plug & Scan with Helios 500!



Smart Reminder



Air mouse



Automatic software update



Timely After-sales Service



Cloud Storage



Voice note



Online 3D Viewer

## Helios 500 Specification

|              |                       |                   |
|--------------|-----------------------|-------------------|
| Accuracy     | Full-arch             | 20.0μm            |
|              | Single-tooth          | <10.0μm           |
|              | Scan Area             | 16 x 14mm (L)     |
|              |                       | 12 x 12mm (S)     |
| Hand-piece   | Dimensions            | 217 x 54 x 24mm   |
|              | Weight                | 185gm             |
| Tip          | Tip Size (Front part) | 22 x 18mm (L)     |
|              |                       | 18.6 x 16.7mm (S) |
| Connectivity | Length                | 1.8m              |
|              | Type                  | USB 3.0           |
| Calibration  | Accuracy Calibration  | Calibration-free  |
|              | Color Calibration     | Calibration-free  |
| Data         | Output Format         | STL/PLY           |

### Recommended System Requirements

Processor - Intel®Core™ i7 12th Generation,  
base frequency 2.4 GHz (or better)

Memory - 16GB (or more) DDR4,  
frequency 2666 MHz (or better)

Hard Drive - 512GB (or more) SSD

Graphics Card - NVIDIA®GeForce®GTX 3050  
(or better)

Display - 15.6" FHD (1920 x 1080) (or more)

Others - USB 3.0 port

Operating System - Windows 11

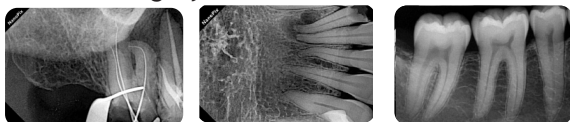
# HyperLight

## Dental X-ray Unit

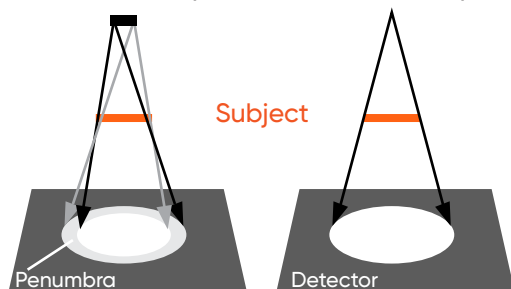


### Engineered for Accurate Images

- Clinical imagery



- Sharp, high resolution images with a 0.4mm focal spot



HyperLight

Effect of focal spot size



## Designed with Safety in Mind



Built-in leaded double shield to protect the operator from leakage radiation

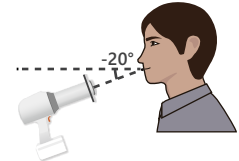
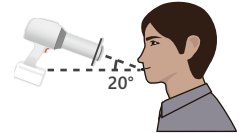


Locking system to prevent unintentional exposure

**>400 Shots in Single Charge**

## Simplify your Digital Workflow

- Compact size and lightweight, lets you operate it with one hand only
- Intuitive user interface & smart angulation system automatically detects the angle at which the HyperLight device is held



## Specifications

|              |             |                     |                         |
|--------------|-------------|---------------------|-------------------------|
| Model        | HyperLight  | Exposure Time Range | 0.02-2 Sec              |
| Weight       | 1.8 kg      | Tube Current        | 2.5 mA                  |
| Focal Spot   | 0.4 mm      | Line Voltage        | 100V - 240V, 50Hz/ 60Hz |
| Battery      | 2500mAh x 4 |                     |                         |
| Tube Voltage | 65kV        |                     |                         |

**Maximize Your Diagnostic Potential**

**HYPERLIGHT  
+ NANOPIX**



# NanoPix

## *Intraoral Sensor*

### Unique Design

- **Ergonomic Design**

Cupped cable connection ensures comfortable finger positioning



- **Robust Cable Connection**

- **Ultra-thin Body Design**

4.5mm - The thinnest X-Ray sensor



## Leading Technologies for the 1st Time in Dentistry

### AED Technology

#### From Chest Radiography

- Compatible with almost all DC & AC X-Ray generators
- Digital images are captured automatically when the sensor detects X-Ray



### APS CMOS Technology

#### From Aerospace Industry

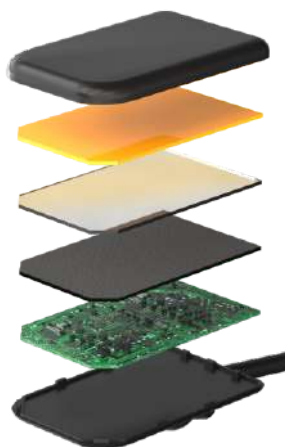
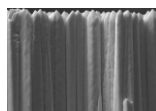
- High signal-to-noise ratio with maximum details
- Long life and low power consumption



### Direct Deposition CSI Technology

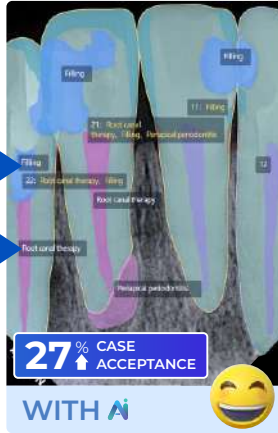
#### From Chest Radiography

- Low dose radiation for safety
- Less exposure time but higher resolution



Do you want to increase clinic revenue by upto **35%?**

## NanoPix with NanoAi



**1/10** Cost per patient compared to film

**3s** to complete entire imaging process

**50000+** Exposures with no quality loss

### Smart Software

- Easy to install
- User-friendly interface
- Faster image acquisition & better quality images
- Optional image preference

### Specification (available in 2 sizes)

|                        | NanoPix 1     | NanoPix 2     |
|------------------------|---------------|---------------|
| Detector Technology    | APS CMOS      | APS CMOS      |
| Scintillator           | CsI           | CsI           |
| Pixel Matrix           | 1000*1500     | 1300*1800     |
| Theoretical Resolution | 25 lp/mm      | 25 lp/mm      |
| True Resolution        | 20 lp/mm      | 20 lp/mm      |
| Active Area (mm)       | 20*30         | 26*36         |
| Mechanical Size (mm)   | 25.4*36.8*4.5 | 30.4*41.9*4.5 |
| AD Conversion (bit)    | 16            | 16            |
| Data Interface         | USB 2.0       | USB 2.0       |
| Protection             | IP68          | IP68          |



# IP68

Ingress Protection

Against Solids

Against Liquid

# E-connect

## Cordless Endomotor



Torque Calibration



Low Noise Motor



Digital OLED Display



Powerful 1500 mAh  
Lithium-ion Battery



Integration Option



Ambidextrous Display\*



Screen Cast/  
Mirroring\*\*

\*User can rotate the endomotor  
screen towards left or right  
\*\*In connect function endomotor  
mirrors apex locator's screen



### Five Reciprocation Modes (MO)

#### Reverse Reciprocation-One Mode

Counter clockwise & clockwise movement

Fwd 30° - Rev 150°

For reciprocating files

#### Forward Reciprocation-Four Modes

Clockwise & counter clockwise movement

Fwd 150° - Rev 30° Fwd 180° - Rev 30°

Fwd 210° - Rev 30° Fwd 250° - Rev 30°

For all continuous rotation files

### Nine Editable Memory Programs (M1 to M9)



Maximum speed 1000 rpm



360° clockwise  
rotational movement



Editable torque  
setting



Torque auto reverse



Forward direction of  
rotation



Editable speed / RPM setting



Reverse direction of  
rotation

### One-piece Contra-angle Head



360° adjustable  
hand-piece



Miniature  
head



Detachable  
head



Autoclavable



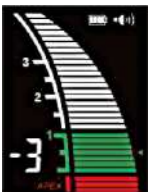
# E-pex

## Apex Locator

- Advanced multi-frequency technology
- High precision in wet & dry canals
- Compact size & stable design
- Automatic calibration
- Large 3.5" LCD display



### Screen Display and Its Meaning

|         | Interface                                                                              | Interface                                                                         | Interface                                                                         | Interface                                                                          |
|---------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Display |       |  |  |  |
| Value   | 12                                                                                     | 09                                                                                | 00                                                                                | -3                                                                                 |
| Meaning | The corresponding scale value is 2, indicating the distance from the apex is about 2mm | It indicates that the distance from the apex is about 1.5mm                       | It indicates that the endo file has reached the apex                              | It indicates that the root canal file has exceeded the apex                        |
| Alarm   | Beep alarm sound for a long time interval                                              | Beep alarm sound interval becomes short                                           | Uninterrupted long beep                                                           | Very rapid beep alarm sound                                                        |

### Integrate Endomotor with Apex Locator (Connect Function)



Screen Cast/  
Mirroring\*\*



Auto Start  
& Stop



Apical  
Slow Down



Apical  
Reverse



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# E-connect S+

## Endomotor with Built-in Apex Locator



### Torque Calibration

For precise torque output



### OLED Screen

Digital OLED display



### Ambidextrous Display

Screen can be rotated as per left or right hand use



### Powerful Battery

Heavy duty 1900 mAh  
Lithium-Ion battery

### Apex Locator

- Apical control with rotary instruments
- Manual canal measurement
- Multi-frequency technology with high accuracy & precision
- Apex locator flash bar with zoom-in function



### Working Modes

- **FWD** - Clockwise Continuous Rotation
- **REV** - Anti-clockwise Continuous Rotation
- **REC** - Reciprocation Movement

First-in-class cordless open system motor with adjustable angles of rotation ranging from 30° to 370° for reciprocation as per user's need. First-in-class feature of speed adjustment in reciprocation mode.

- **ATC** - Adaptive Torque Control



### Integrated Mode Features



Auto Start  
& Stop



Apical  
Slow Down



Apical  
Reverse

### Specifications

|                  |                   |
|------------------|-------------------|
| Speed            | : 50-1500 rpm     |
| Torque range     | : 0.5 Ncm-5.0 Ncm |
| Memory Programs  | : 11 (M0 to M10)  |
| Battery Capacity | : 1900 mAh        |



# E-xtreme

*Taking it to the E-xtreme*  
*Smaller | Lighter | Quieter than ever*



360° contra-angle rotation



Slim & compact design for maximum comfort & mobility



Miniature contra-angle for better visibility and easier posterior access



**E-xtreme**- Miniature contra-angle  
Super mini head & thin neck



**Regular**  
Head & neck



**Battery**  
800 mAh



360° clockwise/ anti-clockwise rotational movement



Editable speed / RPM setting



Torque Auto-Reverse



Built-in file system



Editable torque setting



Nine Editable Memory Programs

- Less than 100 grams
- Reducing hand fatigue during treatment
- Providing the ultimate E-xtreme experience

- Eighteenth's innovative new motor
- Cutting down the noise from inside
- Allowing you to experience the tranquility

## Specifications

Weight : 99 gram  
Torque range : 0.5 Ncm-4.0 Ncm  
Power supply : 100 V-240 V  
Frequency : 50 Hz / 60 Hz  
Output : DC 5 V/ 1 A



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# AirPex

## *Wireless Apex Locator*



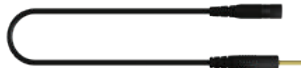
### **Feel the Charm of Wireless Charging**

Lay it down, charge it up  
Charging is as simple as placing  
the AirPex on the charging base



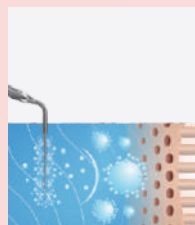
### **True Wireless Apex Locator**

Get rid of the wire to the fullest  
Accuracy through wirelessness



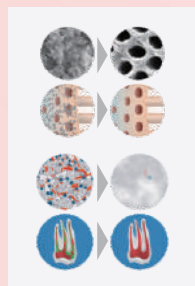
# Ultra $\chi$

## Cordless Ultrasonic Activator



### In Action

- **Cavitation Effect:** It is the process of formation of millions of gas bubbles in the irrigation solution. These bubbles grow in size, oscillate in different directions & explode into the liquid, producing powerful cleaning action.
- **Acoustic Streaming:** It is a unidirectional flow of liquid produced by ultrasonic waves. Movement of tip produces special effect called acoustic turbulence which accelerates the movement of liquid inside the root canal.



### Indications

- **Smear Layer Removal:** Effective in removal of smear layer and unplugging of dentinal tubules.
- **Dentin Chips Removal:** Ultrasonic agitation forms suspension of residual dentinal chips and tissue remnants with irrigant and facilitates their easy removal.
- **Biofilm Disruption:** Ultrasonic cavitation disrupts the biofilm and helps to reduce bacteria load in the canal.
- **Cleaning of Complex Anatomy:** Ultrasonic activation helps irrigants to flush into undetected or un-instrumented canal anatomy like isthmus, fins, lateral canals, apical ramification etc. Also helps to remove vapour lock.



**$\chi$  GOLD**  
SUPER POWERFUL  
TITANIUM TIP



**$\chi$  BLUE**  
FLEXIBLE



**$\chi$  GRAY**  
SOFT & FLEXIBLE

Tip size -20/25  
Taper 2%  
Length 18mm/21mm



### Key Features



Ultrasonic  
Activation Device



Autoclavable  
Tips



Smooth Surface  
Finish



Flexible Tips (Only  
Blue & Silver Tips)



1500 mAh  
Powerful Battery



4.5 Hrs of  
Continuous Operation



Cordless  
Irrigation Device



Light Weight  
& Ergonomic



45 kHz  
High Frequency



Two Power Modes  
with LED Indicator



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# Fast Pack Pro

## Down Pack Device



Fine (Black)  
40/0.025



Fine Medium (Yellow)  
50/0.05



Medium (Blue)  
60/0.06



### Temperature Range

- Wide temperature range of 90° to 300°
- Five memory programs to customize temperature and cut-off time as per obturation material used or any other intended use of the device



### Internally Heated Tip

- Only the working end (4 - 6 mm) of the tip is heated, avoiding need for insulating sleeves
- The non-working end is insulated and stays cool, avoiding soft tissue burn



### Class-leading Controlled Heating

- Fast heating- Quick heating prevents PDL damage
- Swift cooling- Swift cooling ensures GP does not come along the heating tip



### Experience Ergonomics

- 360° start/stop ring allows holding the device in any angle comfortable for you
- Left- right handed operation
- Comfortable grip, light in weight



### Powerful Battery

- Highly efficient 2600 mAh Li-ion battery 15 minute turbo charge to 30% battery
- Direct Plug & Play- In case of low battery, use the device directly with adaptor

## Specifications

Heating Time : 0.2 seconds for 200° C  
0.5 seconds for 250° C

Cooling Time : 2 seconds for cooling

Charging Time : 2 hours to complete charge

Operating Time : 4 hours of continuous  
operation at 300°C



# Fast Fill

## Motorized Back-fill



23 Gauge  
Large



25 Gauge  
Small



Highly Flexible



Highly Durable



### Fast Fill Tips



- Highly flexible, sturdy and autoclavable tips for multiple usage
- Maintains the thermoplastic temperature of GP and offers smooth flow inside canal
- 360° rotating tip for easy filling at all angles
- Extra long needle offers convenience and visibility
- Easy to maintain and replace

### Motorized GP Flow



- Provides consistent flow of GP at desirable rate
- Precludes voids and makes obturation homogeneous
- Eliminates hand fatigue that resulted from earlier gun type devices

### Comprehensive Display



- Three customizable memory programs - T1 to T3
- Temperature range 100° C - 200° C
- GP flow rate- Low, Medium, High
- Reserve GP level indicator

### Intuitive Design



- Sleek and ergonomic handpiece
- Simple push button to dispense GP
- LED indicator reflects when the device is ready for use

### Powerful Battery



- Highly efficient 2600mAh Li-ion battery
- Direct Plug & Play- In case of low battery, use the device directly with adaptor

### Specifications

Heating Time : 20 seconds to 200° C  
Charging Time : 4 hours to complete charge

Hexagonal Wrench : Use the wrench to bend the tip, rotate the tip and clean the device



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# Curing Pen

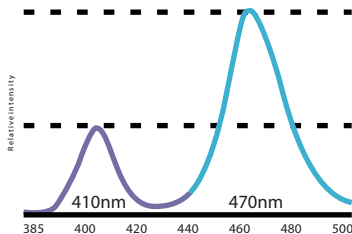
## 4 LEDs Curing Light

### Technical Parameters

- Dimension : 24\*21\*230(mm)
- Net Weight : 109g
- Lens Size : 11mm
- Power Supply : >1200 times,  
3 Sec Maximum light intensity
- Light Intensity : 1000 mw/cm<sup>2</sup>, 1500 mw/cm<sup>2</sup>,  
2300 mw/cm<sup>2</sup>, 600 mw/cm<sup>2</sup>( detect mode )
- Smart Controller : Keeps light output consistent  
Chip



### Wide Wavelength Range



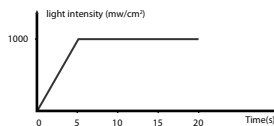
Wavelength : 385-515 nm  
3 Blue, 1 Violet, 10w LED

### 360° Rotatable Head

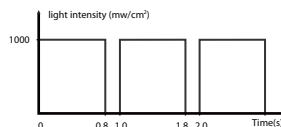


### Multiple Curing Options

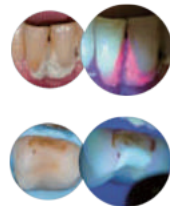
#### Ramp mode



#### Pulse mode



### Caries Detection



### Digital Intensity Display



# Curing Pen-E

## 3 LEDs Curing Light

1 Violet, 2 Blue

### Technical Parameters

- Dimension : 19 x 16.5 x 7.5cm
- Net Weight : 120g
- Lens Size : 8mm
- Power Supply : >1200 times,  
3000 mw/cm<sup>2</sup>, 3 Sec
- Light Intensity : 3000 mw/cm<sup>2</sup>  
(Maximum Light Intensity)
- Spectral Range : 380-515 nm



### Features



**360° Rotatable Head**



**Broad Spectral Range**  
380nm - 515nm



**Small Light Tip**



**Ultra Power**



**Special Lens Design**

### Working Modes

#### • P1

Normal Mode

Light Intensity: 1200mw/cm<sup>2</sup>

Time Setting: 5-40 Sec

#### • P2

High Mode

Light Intensity: 2000mw/cm<sup>2</sup>

Time Setting: 1s, 3s, 5s, 10s

#### • P3

Ultra Mode

Light Intensity: 3000mw/cm<sup>2</sup>

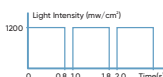
Time Setting: 1s, 3s, 5s

#### • P4

Pulse Mode

Light Intensity: 1200mw/cm<sup>2</sup>

Time Setting: 5s, 10s, 15s, 20s

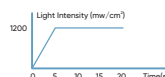


#### • P5

Ramp Mode

Light Intensity: 1200mw/cm<sup>2</sup>

Time Setting: 5s, 10s, 15s, 20s



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# Brilliance Loupes

## Flip-up Loupes

### Super Light Frame

Ergonomic design with optional materials and colors

### Intelligent Damping Torque Effect

Easy to adjust and with excellent stability

### Asynchronous PD Adjustment

Laser printed scale lines, accurate and intuitive

### Aerospace-grade Aluminium Magnesium Alloy

Exceptionally high strength and light

### Schott Glass (Made in Germany)

Ensure high resolution, clear & sharp field of view

### Protective Shield

Besides protective shields, prescription lenses can also be fitted by an optometrist

### Refined Lens Coatings

Multi-layer coating technology, anti-fog, anti-scratch, anti-glare to ensure maximum visible light passes through the glass

## Specifications

- Magnifications : 3x
- Working Distance : 350mm, 400mm, 450mm, 500mm
- Field of View : 68mm, 76mm, 84mm, 92mm
- Depth of Field :  $\geq 90\text{mm}$ ,  $\geq 100\text{mm}$ ,  $\geq 115\text{mm}$ ,  $\geq 135\text{mm}$
- Net Weight : 71g

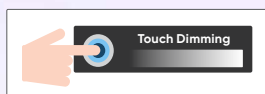


# Softouch

## Surgical Headlight

- Super Light
- Top Class Light Source
- Touch Control Design and Stepless Dimming

Short touch to turn on/ off the light, long press to adjust steplessly the brightness



Touch for 0.3 sec    **Turn on/ off**  
Long Touch            **Dimming**

- Ultra-long Battery Life
- Safe to Use  
High-level short-circuit & open-circuit protection
- Edge to Edge Clarity & Flicker Free  
High-level short-circuit & open-circuit protection



Softouch



Manufacturer A



Manufacturer B



### Specifications

- |                  |                              |                    |                                    |
|------------------|------------------------------|--------------------|------------------------------------|
| • Lamp Diameter  | : 18.5 mm                    | • Brightness       | : 35000lux                         |
| • Lamp Length    | : 36.5mm                     | • Color Temp.      | : 5000k                            |
| • Lamp Weight    |                              | • Power            | : 1w                               |
| - Without Filter | : 8g                         | • Battery Type     | : Li-ion                           |
| - With Filter    | : 9.8g                       | • Battery Capacity | : 3350 mAh, 3.7 v                  |
| • CRI            | : 90                         | • Charging Time    | : 4hrs                             |
| • Adapter        |                              | • Battery Life     | : ≥11hrs (with maximum brightness) |
| - Input          | : 100-240v<br>50/60hz, 0.2 A |                    |                                    |
| - Output         | : 5 V, 1 A                   |                    |                                    |



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# Brilliance 48° Pro

## Surgical Binocular Loupes



**Unique Optical Structure:**  
**Free Shoulder & Neck**



**Revolutionary Nose Pad Design:** Pro-Level Wearing Experience



**New-Updated Imaging:**  
**No Complex Adjustments**



**Ergonomic design for**  
**comfortable experience**



**Flexible focus & pupil distance adjustment to prevent eye strain**



**Newly upgraded frame for easy lens customization**



### Specifications

- Magnifications : 5x
- Working Distance : 350~400mm, 400~450mm, 450~500mm, 500~550mm
- Field of View : 49~57mm, 57~65mm, 65~73mm, 73~81mm
- Pupil Distance : 52~76mm
- Net Weight : 94.3g (With Frame)



# Wireless Z

## Wireless Headlight



### Wireless

Cable-free stable lithium batteries ensure a smooth work experience



### Battery Status Indicator

Built-in battery status indicator flashes when the battery is low



### Brightness Memory

Automatically adjust to brightness when last powered off to reduce adjustment time and improve work efficiency



### Touch Control Design

Remove option limitations for smoother adjustment of brightness to meet the light need of different surgical environments



### Super Light

Weighs just 29.5g (battery, headlight, filter included) and sit on the frame's upper edge for reducing nose bridge pressure



## Specifications

- |                  |                              |                    |                                    |
|------------------|------------------------------|--------------------|------------------------------------|
| • Lamp Diameter  | : 18 mm                      | • Brightness       | : 35000lux                         |
| • Lamp Length    | : 44mm                       | • Color Temp.      | : 3000k - 7300k                    |
| • Lamp Weight    |                              | • Power            | : 1w                               |
| - Without Filter | : 11g                        | • Battery Type     | : Li-ion                           |
| - With Filter    | : 12g                        | • Battery Capacity | : 600 mAh, 3.7 v                   |
| • CRI            | : 90                         | • Charging Time    | : 4hrs                             |
| • Adapter        |                              | • Battery Life     | : 2.5hrs (with maximum brightness) |
| - Input          | : 100-240v<br>50/60hz, 0.2 A |                    |                                    |
| - Output         | : 5 V, 1 A                   |                    |                                    |



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# iLASER I

## Smart Triple Wavelength Diode Laser

- Blue Wavelength 450nm**  
**Tooth Whitening**  
 Hemostatis is a pretty high photon energy for activating the molecules of whitening gel  
 Efficiency of all dental diode lasers
- Infrared Wavelength 980nm**  
**Soft Tissue Surgical Procedure, Endo & Perio**  
 Efficiency & Coagulation (Hemostasis) at very low power settings  
 High efficiency of anti-bacterial and anti-inflammatory  
 High Power Laser Treatment (HPLT)  
 Pain Reduction in TMJ
- Red Wavelength 650nm**  
**Photobiomodulation**  
 Perfect for Photobiomodulation (PBM)  
 Low Level Laser Therapy (LLLT)  
 Faster wound healing  
 Pain-free dental treatments



### Specifications

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Wavelength              | 450nm/650nm/980nm                                               |
| Wavelength & Max. Power | 450nm: 3W CW; 5W Pulse<br>650nm: 400mW CW<br>980nm: 8W CW/Pulse |
| Emission Mode           | CW/ Pulse                                                       |
| Medium                  | InGaSP Diode                                                    |
| Optic Fiber Diameter    | 200/400um                                                       |
| Pulse Width Range       | 10us - 900ms                                                    |
| Super High Frequency    | 50KHz                                                           |
| Display                 | 7" OLED Touch-Screen                                            |
| Dimension               | 190mm*155mm*260mm                                               |
| Weight                  | 1.5Kg                                                           |
| Aiming Laser Wavelength | 650nm                                                           |
| Battery                 | Built-in Rechargeable Li-ion                                    |
| Battery Capacity        | 7200mAh                                                         |



# iLASER II

## Dental Diode Laser



Combining power and portability into a tiny design



Easy to operate, every one can learn to use it



More accurate and more comfortable

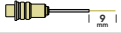


Many functions are at your fingertips



### Specifications

|                         |                                      |
|-------------------------|--------------------------------------|
| Wavelength              | 980nm                                |
| Power                   | 0.1-5W                               |
| Emission Mode           | Continuous Mode & Pulse Mode         |
| Laser Type              | Type IV, InGaAs Diode Laser          |
| Optic Fiber Diameter    | 200/400 um                           |
| User Interface          | OLED Display Screen                  |
| Aiming Laser Wavelength | 650nm                                |
| Dimension               | 190mm *17mm                          |
| Weight                  | 106g                                 |
| Battery Capacity        | 2700mAh                              |
| Work Power Supply       | Built-in Rechargeable Li-ion Battery |

| Non-initiated                                                                       | Models |       | Length | Intended    |
|-------------------------------------------------------------------------------------|--------|-------|--------|-------------|
|    | F4-4   | 400um | 4      | Surgery     |
|   | F4-7   | 400um | 7      | Periodontal |
|  | F4-9   | 400um | 9      | Periodontal |
|  | F2-14  | 200um | 14     | Root Canal  |
|  | F2-20  | 200um | 20     | Root Canal  |

| Pre-initiated                                                                       | Models |       | Length | Intended    |
|-------------------------------------------------------------------------------------|--------|-------|--------|-------------|
|  | PF4-4  | 400um | 4      | Surgery     |
|  | PF4-7  | 400um | 7      | Periodontal |
|  | PF4-9  | 400um | 9      | Periodontal |

Disposable Tips Available in two different sizes: 200/400 microns



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# POINT UV IMPLANT

## THE WORLD'S FIRST CAPSULE TYPE UV ACTIVE TECHNOLOGY

### Minimum Crestal Bone Loss

Minimizes crestal bone loss by reducing the stress of crestal bone with the open thread on the top bevel area.

### Minimum Risk of Fracture

Prevent fractures of fixture by increasing the thickness of platform diameter and the strength of the connection part.



### SLA Surface

Shorten the bone healing period by increasing the contact area between the bone and surface roughness, & the initial cellular response.

### Thread Pitch & Wing Thread

Minimizes the pressure on the bone and stabilizes initial fixation, increases contact area through optimized screw design.



### Wide Cutting Edge

Easy to control the final angulation and the depth of the fixture with excellent self-tapping efficiency, which maximizes initial fixation and minimizes pressure on the bone.

### Root Form Design

Increases convenience during implantation by excellent initial fixation, and reduces risk of damage to anatomical structures like blood vessels, maxillary sinus and mandibular nerve blockage.

# POINT UV IMPLANT

UV Activator irradiates ultraviolet rays on the implant surface to remove organic matter adhesion & converts the surface charge into a super- hydrophilic surface. As a result, the initial bone fusion rate for UV Implants is 4 times that of general implants, and hence Bone-Implant contact (BIC) dramatically increase from 50% to around 98%.

## 1 Anti-aging of Implants

It shows the antiaging effect of the implant by removing the hydrocarbon film that occurs immediately after implant production.

## 3 Osseointegration Speed

The Osseointegration is dramatically increased at the rate of 98% due to the ultra-violet activation of Point UV implants.

## 2 High Blood Wetting

Blood clots are formed on the entire surface of the implant, indicating rapid bone fusion & contact osteogenesis.

## 4 Higher Surgical Success Rate

Rapid bone formation and a high BIC of 98% contribute to the formation of stable bones, leading to high success rates as well as long-term stability.



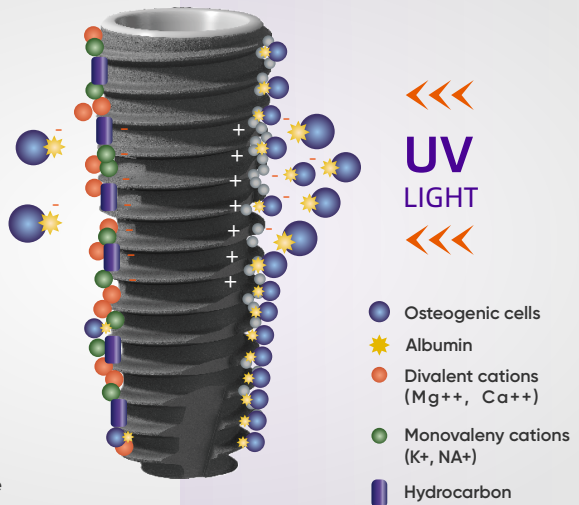
### UV Active Blood Activation

UV active blood activation caused by UV irradiation promotes bone formation. Bone cells, & proteins adhere well to the implant surface.



### Point UV Activator

Our eco-friendly UV Activator irradiates ultraviolet rays on the implant surface, it is convenient to use & does not generate harmful substances such as ozone.



# TOTAL C-RAM

*Self-etching & Self-adhesive Resin Cement- Special Ceramic*



## Advantages

- Saves time due to its self-etching and self-adhesive properties
- Integration of silane in the resin allows for better adhesion to ceramics
- Dual curing (self and light curing)
- Ease of use and placement with the Automix syringe
- Excess material easily removed
- No postoperative sensitivity
- Particularly recommended for bonding veneers: thin film just 10 µm thick
- Choice of 3 shades to meet the requirements of all clinical cases:
  - Opaque dentin: Similar shade to dentin with advantage of opaqueness for optimal cover
  - Translucent: Very high translucency for bonding with no effects on the shade of the restoration.

## Packging

- 1 syringe 8 gm + 10 mixing tips + 10 intraoral tips + 10 extra-fine intraoral tips



# NEOPURE FAST SET

*A-Silicone Impression Material*



**Putty Base & Catalyst with Light Body**

- **High Hydrophilicity**  
Great impression details are a direct result of high hydrophilicity of A-Silicone. It flows easily and adapts well to different dental morphologies even under challenging moist conditions
- **High Tear Strength**  
For a superior subgingival penetration and capturing micro details makes it important that it has high tear strength
- **Great Dimensional Stability**  
Because of great dimensional stability, Neopure impressions can be stored for up to 30 days. Also, cold sterilization doesn't diminish its dimensional stability
- **Tolerance to Errors**  
An error of the mixing ratio within 20% doesn't affect Neopure Putty's characteristics
- **Ideal Working Time**  
Neopure allows sufficient time for mixing & placing the impression material in the patient's mouth. Also, it has thermally responsive properties that helps it to set faster once placed in patient's mouth
- **High Performance Material**  
Neopure will help you capture the finest details of hard and soft oral tissues. Also, it doesn't interfere with stone setting process unlike other materials or alginate. It's thixotropic (viscosity) properties make it a no-drip formulation- which isn't just great for material handling, but also crucial factor in patient comfort
- **Adapts to Multiple Impression Techniques**  
Use the Neopure Putty and Light Body for Single-step or Double-step techniques as per nature of work



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# NEOPURE FAST SET

## A-Silicone Impression Material

- Neopure is a range of addition-cured (A-Silicone) vinyl polysiloxane impression materials. Look forward to high precision work owing to Neopure's high hydrophilicity, great linear dimensional stability and excellent tear resistance.
- High viscosity hydrophilic A-Silicone vinyl polysiloxane material specially made for Bite Registration. It is a high precision silicone, non-slumping & thixotropic in nature which is easy to work with and trim.

### Technical Data

| Parameter          | Putty                           | Light Body                     |
|--------------------|---------------------------------|--------------------------------|
| Delivery System    | Manual Hand Mixing              | 1:1 Dispenser                  |
| Mixing Time        | 30 sec                          | NA                             |
| Total Working Time | 1 min 30 sec                    | 2 min 15 sec                   |
| Setting Time       | 2 min 30 sec                    | 3 min                          |
| Shore A Hardness   | 62                              | 45                             |
| Shelf Life         | 2 yrs                           | 2 yrs                          |
| Color              | Base- Orange<br>Catalyst- White | Base- Green<br>Catalyst- White |

### Packaging

- **Putty**- 1x 400gm Base, 1x 400gm Catalyst
- **Light Body**- 2x 78gm Light Body Cartridges, 4 Mixing Tips, 4 Intra-oral Tips
- **Kit**- 1x 400gm Base, 1x 400gm Catalyst, 2x 78gm Light Body Cartridges, 4 Mixing Tips, 4 Intra-oral Tips



# NEOPURE

*C-Silicone Impression Material*



## Putty Base with Light Body & Catalyst Gel

Neopure C-Silicone is a range of Rubber Based condensation Impression Material. High viscosity condensation polysiloxane (base) recommended for the two-phase technique (double step impression) in combination with Neopure C-Silicone Light Body

### Features

- Good flowability and rigidity
- Good visibility- the color contrast of the putty & light body ensures better impression interpretation
- High impression accuracy and precision
- High tear strength- minimizes the risk of the impression tearing while removing from the patient's mouth
- Balance between the working and setting time
- Biocompatible- allows to use safely on patients with damaged mucosa
- High dimensional stability even after disinfection
- Good final hardness- ensures accurate model
- Pleasant taste- mint flavor & odor



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# NEOPURE

*C-Silicone Impression Material*

## Indications

- Fixed and removable prostheses
- Crowns, bridges, onlays, and inlays
- Complete dentures

## Technical Data

| Parameter                     | Putty                       | Light Body                       |
|-------------------------------|-----------------------------|----------------------------------|
| ISO 4823                      | Type 0<br>Putty Consistency | Type 3<br>Light Body Consistency |
| Mixing Time                   | 30 sec                      | 30 sec                           |
| Working Time                  | 1 min 30 sec                | 1 min 30 sec                     |
| Time in Mouth                 | 3 min                       | 3 min 30 sec                     |
| Setting Time                  | 4 min 30 sec                | 5 min                            |
| Shore Hardness<br>After 8Hrs  | 65                          | -                                |
| Shore Hardness<br>After 24Hrs | 75                          | 35                               |
| Shrinkage                     | < 0.2%                      | < 0.7%                           |
| Elastic Recovery              | < 98%                       | < 99%                            |
| Detail Reproduction           | 20 µm                       | 20 µm                            |
| Color                         | Green                       | Yellow                           |

## Packaging

- Putty- 1500gm
- Catalyst- 70gm
- Light Body Tube- 140gm

# NEOALGIN

*Alginate Impression Material*



**Colour Change Pattern:** Non-Chromatic

(Sky Blue, No colour change)

**Powder:Water Ratios:** 18gm:36ml

(Warm water and hard water accelerates the setting time, Cold water retards the setting time)

**Impression Count:** 25 Impressions

(Based on 18gm needed for one Impression of tray 2/3 or medium tray size)

## Features

- Sky blue colour
- Spearmint flavor for high acceptance
- Mixing time: 60 Sec
- Time in mouth: 30 Sec
- Total working time: 60 Sec



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# NEOALGIN CHROMATIC

*Alginate Impression Material*



**Colour Change Pattern:** Chromatic

(Green before mixing, Purple during mixing, Green during setting)

**Powder:Water Ratios:** 18gm:36ml

(Warm water and hard water accelerates the setting time, Cold water retards the setting time)

**Impression Count:** 25 Impressions

(Based on 18gm needed for one Impression of tray 2/3 or medium tray size)

## Features

- Green colour
- Spearmint flavor for high acceptance
- Mixing time: 60 Sec
- Time in mouth: 30 Sec
- Total working time: 60 Sec

**orikam | NEOENDO**

# NEOCEM

## *Glass Ionomer Cement- Luting & Lining*



Luting & Lining glass ionomer cement. Powder contains mixture of Silica and fluorides of aluminum, calcium & sodium. Liquid contains polyacrylic acid and copolymer in water.

### Indications

- Used for cementation of metal or porcelain fused to metal crowns, bridges, inlays
- Cementation of stainless steel crowns
- For cementation of orthodontic appliances retained with stainless steel crowns
- Cementation of orthodontic bands
- As Base or liner under restoration

### Features

- Less technique sensitive
- Long shelf life
- Robust bottle
- Fluoride releasing
- Free-flowing liquid provides smooth paste and good consistency
- Odor-free
- Good color match
- Good biocompatibility and non-irritant to the tissues
- High mechanical strength
- Good wettability provides good marginal seal
- Low solubility makes it insoluble in the oral cavity
- Chemical adhesion to both tooth structure (enamel & dentin) and metal
- Radiopaque makes post-operative diagnosis easy
- Cost-effective
- 8 microns thin film thickness for easy seating of crown

### Technical Specifications

- Mixing Time: 30sec
- Working time: 2min
- Setting time: 2min 30sec

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# NEOCEM

*Universal Restorative Glass Ionomer Cement- High Strength*



Compressive  
Strength  
230 MPa

Shade A2

Powder 15g & Liquid 10g

Universal restorative glass ionomer cement. Powder contains mixture of Silica and fluorides of aluminum, calcium & sodium. Liquid contains polyacrylic acid and copolymer in water

## Indications

- Restoration of deciduous teeth.
- Core build-up
- For atraumatic restorative treatment
- Restorations of Class III, V, and limited Class I cavities.
- Used in lamination/sandwich technique

## Features

- Less technique sensitive
- Long shelf life
- Robust bottle
- Fluoride releasing
- Free-flowing liquid provides smooth paste and good consistency
- Odor-free
- Good color match
- Good biocompatibility and non-irritant to the tissues
- High mechanical strength
- Good wettability provides good marginal seal
- Low solubility makes it insoluble in the oral cavity
- High flexural strength reduces the risk of restoration fracture
- Chemical adhesion to both tooth structure (enamel & dentin) and metal
- Radiopaque
- Cost-effective
- Film thickness

## Technical Specifications

- Mixing Time: 30sec
- Working time: 1min 30sec
- Setting time: 2min 30sec



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**orikam | NEOENDO**

# NEOEDTA Gel

17% EDTA Gel with 10% Carbamide Peroxide

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## Lubricate

- Prevents risk of instrument fracture
- Helps in smooth working of endodontic files

## Chelate

- Easy preparation of calcified canals
- Helps to remove inorganic substance by chelation

## Clean

- Carbamide peroxide creates effervescence effect with water and sodium hypochlorite
- Helps in easy removal of vital and necrotic pulp tissue remnant, debris & dentinal flakes



# NEOEDTA Liquid

17% EDTA Solution | For Smear Layer Removal

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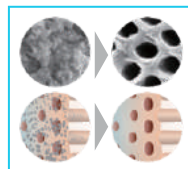


## Indications

- Surface preparation of canal
- Debridement of canal
- Smear layer removal
- Unclogging of dentinal tubules

## Advantages

- Removes inorganic substances like dentinal chips & facilitates their easy removal by chelation of calcium ions
- Effective in removal of smear layer and unplugging of dentinal tubules-enhances adhesion of filling material like sealer



orikam | NEOENDO

# NEOCAL

*Calcium Hydroxide Paste with Barium Sulphate  
Radiopaque, Multipurpose Root Canal Filling Material*

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## Indications

- Temporary root canal filling material
- Vital pulpotomy in deciduous teeth

## Advantages

- Premixed Formulation: Saves time and has easy application
- Paste Type Consistency: Provides superior control during application
- Water Soluble Paste: Helps in easy cleaning and removal from canal
- Temporary filling: Temporary canal filling material
- High pH: High pH of >12.5
- High Radiopacity: Helps in radiological examination



# NEOPEX

*Calcium Hydroxide Paste with Iodoform*

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## Indications

- Root canal filling material
- Apexification
- Apexogenesis

## Advantages

- Non-hardening oil based paste
- Specially designed dispensing tips
- Easy handling and straight forward application
- Radiopaque formulation with barium sulphate
- Best rheology gives smooth and complete filling



# NEOETCH Gel

37% Phosphoric Acid | For Enamel & Dentin

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## Indications

- Composite restorations
- Adhesive cementation of inlays, crowns, bridges, veneers, posts & cores, splints, pit and fissure sealing
- Bonding of orthodontic attachments (e.g. brackets)

## Advantages

- High etching rate
- Removes contaminants
- Aids wettability
- Achieves high bond strength



# NEOSOL

Gutta Percha Solvent

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## Indications

- Softening of gutta percha based obturating materials during the root canal retreatment procedures

## Advantages

- 100% natural
- Non-toxic
- Biocompatible
- Only 2 drops needed

# NEOTEMP

*Temporary Restorative Material*

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## Indications

- Temporary filling material of cavities before permanent restoration



## Advantages

- Self curing in cavity
- Excellent adhesion with dentin
- High marginal seal
- Leak proof formulation
- Long lasting
- Easy application and removal

# NEOSPRAY

*All Purpose Handpiece Lubrication Spray*

KNOW  
MORE



500 ml

Neospray is a high-performance, non-toxic, odorless, colorless and tasteless lubricant solution for cleaning and lubricating the dental instruments with care.

## Advantages

- Effective lubrication and reduced debris collection
- Protects from corrosion, reduces friction & wear-rate increasing the lifespan of the instruments

## Applications

- For high-speed, low-speed dental hand-piece equipments like air turbine, air motor, heads, prophyl angle/ contra angle etc

# J1 & J1 PLUS *Patented Bur-Lock Technology Handpiece*



Triple Water Spray  
(Separated Water & Air)



Push-button Type



The Global Unique  
Patent Technology



Super Torque Cutting

| Specification           | J1 Plus                                          | J1                                               |
|-------------------------|--------------------------------------------------|--------------------------------------------------|
| Working Pressure        | 0.28MPa - 0.30MPa                                | 0.28MPa - 0.30MPa                                |
| Rotating Speed          | 350,000rpm - 370,000rpm                          | 350,000rpm - 370,000rpm                          |
| Noise                   | ≤ 60dB                                           | ≤ 60dB                                           |
| Atomized Water Pressure | 0.3 - 0.35MPa                                    | 0.3 - 0.35MPa                                    |
| Working Water Pressure  | 0.2 - 0.23MPa                                    | 0.2 - 0.23MPa                                    |
| Water Flow              | 90ml/min - 110ml/min                             | 90ml/min - 110ml/min                             |
| Radial Vibration        | Vibration Value for Standard Testing Bar ≤0.03mm | Vibration Value for Standard Testing Bar ≤0.03mm |
| Surface                 | Titanium Plating                                 | Chrome Plating                                   |
| Water Spray             | Triple Spray                                     | Single Spot Spray                                |
| Chucking Type           | Push-button Type                                 | Push-button Type                                 |
| Cartidge                | Exposed Cartridge                                | Exposed Cartridge                                |
| Bearing                 | Imported Ceramic Bearing                         | Imported Ceramic Bearing                         |
| Autoclave               | Can Be Sterilized at Max 135°C                   | Can Be Sterilized at Max 135°C                   |
| Connection              | 2 Holes (Borden)/ 4 Holes (Midwest) Coupling     | 2 Holes (Borden)/ 4 Holes (Midwest) Coupling     |



# J45 45° Degree Surgical Handpiece



100% Rear-exhaustion



With LED



Limited Vibration



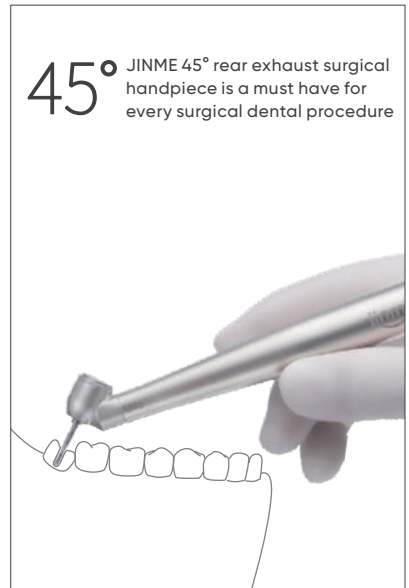
With Special Tungsten Steel Bur



J45 TUP

45° surgical handpiece is characterized by stable rotation, with no high air pressure underneath the handpiece head & good performance in cooling effect. It can be used in any dental surgical procedure, especially applicable to alveolar bone removal, cutting and separating of impacted teeth in the posterior area.

| Specification           | J45                                              |
|-------------------------|--------------------------------------------------|
| Working Pressure        | 0.25MPa - 0.3MPa                                 |
| Rotating Speed          | 360000rpm - 420000rpm                            |
| Noise                   | ≤ 60dB                                           |
| Atomized Water Pressure | 0.3 - 0.35MPa                                    |
| Working Water Pressure  | 0.2 - 0.23MPa                                    |
| Water Flow              | 90ml/min - 110ml/min                             |
| Radial Vibration        | Vibration Value for Standard Testing Bar ≤0.03mm |
| Surface                 | Titanium Plating                                 |
| Water Spray             | Single Spot                                      |
| Chucking Type           | Push-button Type                                 |
| Cartidge                | Exposed Cartridge                                |
| Bearing                 | German Ceramic Bearing                           |
| Autoclave               | Can Be Sterilized at Max 135°C                   |
| Connection              | Optional LED                                     |



# J5 LED Handpiece 2.0



German Bearing



Zero-retraction System,  
Zero Pollution



Triple Water Spray  
(Separated Water & Air)



New Lamp Beads Can Work  
at Higher Temperatures



| Specification           | J5                                                |
|-------------------------|---------------------------------------------------|
| Working Pressure        | 0.28MPa - 0.30MPa                                 |
| Rotating Speed          | 300000rpm - 330000rpm                             |
| Noise                   | ≤ 60dB                                            |
| Atomized Water Pressure | 0.3 - 0.35MPa                                     |
| Working Water Pressure  | 0.2 - 0.23MPa                                     |
| Water Flow              | 90ml/min - 110ml/min                              |
| Radial Vibration        | Vibration Value for Standard Testing Bar ≤0.03mm  |
| Surface                 | Titanium Plating                                  |
| Water Spray             | Triple Spray                                      |
| Chucking Type           | Push-button Type                                  |
| Cartridge               | Exposed Cartridge                                 |
| Bearing                 | German Ceramic Bearing                            |
| Autoclave               | Can Be Sterilized at Max 135°C                    |
| Connection              | 5000 LUX Color Temperature:<br>5500(K) - 6000 (K) |

Never Ever Damaged LED  
LED Lamp Beads That Can  
Undergo 135°C Sterilization



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by driving

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