



DPI

DENTAL PRODUCTS OF INDIA

We care your smile!

**PRODUCT
CATALOGUE**



PROFILE

Dental Products of India ...a division of The Bombay Burmah Trading Corporation Ltd is a pioneer in the manufacture of dental materials in India. We have a proven track record of more than five decades of dedicated service in the dental profession.

DPI is part of the Health Care Division of one of the most well known and respected industrial conglomerates in India, The Wadia Group, which has interests in diverse fields.

We are professionally managed, growth oriented company with a manufacturing unit spread across 50,000 sq. feet with a well equipped laboratory manned by skilled and qualified technicians. Our quality control department ensures that international standards of quality are strictly adhered to from batch to batch.

Apart from our focus on quality, we also have the most effective distribution infrastructure to provide better service and availability to dentists all over the country. With our extensive dealer network of over 100 dealers and around 25 company personnel spread across the vast territory of India, DPI enjoys a distinct advantage.

Exports of our products which has steadily increased to a number of countries over the years, proves the acceptance of our product quality in competitive markets.

It is our assurance that we will continue our long tradition of excellence by providing more and more dental products and materials, which compares favourably to the best in the world. We have also upgraded our system and process to cater more efficiently the needs of our customers, beginning with an ISO 9001:2015, ISO 13485 and Free Sale Certifications.

We are the first Dental material manufacturer in India to be accredited with a CE mark. The ensuing pages focus on our range of products - both old and recently launched. View these pages as an introduction to DPI - India's foremost name in dental products.

DPI Luting Cement



Description and Features:

DPI Luting Cement chemically bonds to tooth structure & metal providing excellent strength and marginal integrity for long term restorations. DPI Luting Cement is designed for final cementation of metal inlays, onlays, posts and orthodontic brackets, DPI Luting Cement has excellent marginal seal, superior longevity and restoration integrity.

Indications of Use :

- Cementation of all types of metal, porcelain fused to metal resin crowns, inlays, onlays & bridges.
- Cementation of stainless steel crowns or orthodontic appliances retained with stainless steel crowns.
- Cementation of orthodontic bands.
- Base or liner

Presentation :

DPI Luting Cement is available in powder / liquid form

Powder: 15g

Liquid: 10ml

DPI Restorative Cement



Description of Features :

DPI RESTORATIVE CEMENT is a self-cured glass ionomer restorative featuring high resistance to water. Its high surface hardness enables a durable restoration. DPI RESTORATIVE CEMENT has excellent tear strength and bond strength. DPI RESTORATIVE CEMENT releases fluoride.

Indications of Use:

- Restoration of primary teeth.
- Core build ups.
- Restoration of Class III, V & limited Class I.

Presentation :

DPI Restorative Cement is available in Powder/Liquid form

Powder: 15g

Liquid: 10ml

Shade A2 / A3

DPI Posterior Restorative Cement

Description and Features :

DPI POSTERIOR RESTORATIVE CEMENT is non sticky condensable high esthetic restorative glass ionomer cement. A high fluoride content and excellent biocompatibility provides good chemical bonding to dentine and enamel with no need for etching. The early resistance to water uptake permits one visit treatment and its radiopacity ensures easy postoperative diagnosis.

Indications of Use :

- Deciduous teeth: final restorative for Class I, II and V.
- Long term restorative in non-load bearing areas of Class I, II and V.
- Intermediate restorative & sandwich material for heavy stress bearing Class I & II cavities.
- Core build up material.

Presentation :

DPI Posterior Restorative Cement is available in powder / liquid form.

Powder : 15g

Liquid : 10ml



DPI Silver Reinforced Cement

Description and Features :

The DPI SILVER REINFORCED CEMENT powder bottle contains a mixture of alloy and glass ionomer powder. The glass component provides an ultimate balance between working and setting time. DPI SILVER REINFORCED CEMENT has versatile clinical application & strong abrasion resistant with optimal level of radiopacity.

Indications of Use :

- Restoration of primary teeth
- Class I, limited Class II, temporary fillings.
- Base or liner.
- Core build up.

Presentation :

DPI Silver Reinforced Cement is available in powder / liquid form.

Powder : 15g

Liquid : 10ml.



DPI Zinc Phosphate Cement



Description and Features :

DPI Zinc Phosphate Cement is high performance zinc phosphate cement.

- **Properties :**
- High Strength
- Good adhesion

Indications of Use :

- For crown bridge and inlay permanent cementation.
- Cavity lining under all restoration.
- Cementation of all orthodontic appliance.

Presentation :

DPI Zinc Phosphate Cement is available in powder / liquid form.

Powder : 30g

Liquid : 15ml

DPI Glass Ionomer Universal Liquid



Indication of Use :

DPI Glass Ionomer Universal Liquid can be used with any available DPI Glass Ionomer Cement powders except DPI LUTING CEMENT powder.

Presentation:

Liquid: 15ml

DPI Amalgam Capsules

Description and Features :

Pre-dosed Capsules filled with non-gamma 2 alloy and mercury (one spill, two spill, three spill) ready for mixing on an amalgamator.

Indications for Use :

All posterior restorations and any restoration where aesthetics is not a prime consideration.

Presentation :

Box of 50 Capsules.



DPI Alloy Fine Grain

Description and Features :

Fine Grain - high silver content (68.7%) alloy that has been the all time favorite for years.

Properties :

- High Strength
- Easy Carving
- Supervisor Polish

Indications for use:

All posterior restorations and any restoration where aesthetics is not a prime consideration.

Presentation :

Bottle of 30gms.



DPI Alloy Non Gamma 2

Description and Features :

Zinc free amalgam alloy
 Silver content : 48%
 Superior properties to conventional alloys.
 50% increase in compressive strength (1 Hour)
 40% increase in compressive strength (24 Hours)
 17 fold improvement in creep. Especially suitable for automatic amalgamators.

Indications for Use :

All posterior restorations and any restoration where aesthetics is not a prime consideration

Presentation :

Bottle of 30gms.



DPI Provipast



Description and Features :

A Calcium Hydroxide filling material in paste form. No mixing required. Non-irritant, antiseptic and therapeutic. Good retentive and Sealant properties. Sets rapidly in presence of saliva.

Indications for Use :

As a temporary filling material.

Presentation :

Bottle of 20 gms.

DPI Cavity Lining



Description and Features :

A calcium hydroxide lining material which does not require mixing, sets rapidly and adheres firmly to dentine.

Indications for Use :

As a lining under filling materials.

Presentation :

Composite pack:
Cavity Lining of 10 ml. and Thinner of 10 ml.

DPI Tooth Conditioner Etching Gel



Description and Features :

A blue coloured Phosphoric Acid gel formulation for acid - etching enamel before bonding / filling prepared cavities.

Presentation :

Pack contains 2 syringes of 3 ml. and 6 applicator tips.

DPI Propol

Description and Features :

A fine prophylaxis paste (containing Fluoride) used in prophylactic Treatment as a polishing medium.

Available in Medium Grit and Peppermint flavour.

Presentation :

Bottle of 100 gms.



DPI Kalsogen

Description and Features :

A Zinc oxide / Eugenol / formulation.

- Therapeutic properties - ideal for sensitive cavities
- Effective insulation under cements & amalgams against thermal
- Change and irritation.

Indications for Use :

- For lining under non-resin filling materials.
- As a temporary filling material and cement
- As a temporary seal.

Presentation :

Composite pack of : Powder 20g and Liquid 10 ml.

Warning : Not to be used as a cavity liner under resin-based filling materials



DPI Kalzinol

Description and Features :

A rapid setting radiopaque Zinc Oxide / Eugenol resin bonded Material. Therapeutic properties - ideal for sensitive cavity, Good thermal and chemical insulation. Strong base for amalgam condensation, higher initial resistance to fracture due to resin bonding.

Indications for use :

- For lining under non-resin filling materials.
- As a temporary filling material and cement.
- As a temporary seal.

Presentation :

Composite pack of :
Powder 20 and Liquid 10 ml.



DPI Varnish



Description and Features :

Quick drying protective liner over restorations during primary hardening period.

Indications of Use :

As a lining for shallow cavities under silicate cements.

Presentation :

Bottle of 10 ml.

Temporary Filling Material



Directions for use:

Transfer a small quantity of temporary filling material to a glass slab and convey to the cavity as required using a suitable instrument.

Temporary filling material hardens only in contact with moisture.

Temporary filling material should not be used as an immediate cavity lining, but layer from a hardened temporary filling may be retained as a base under amalgam or silicates. Do not use in direct contact with acrylic resins.

Note:

Close the container immediately after removal of the material required. Do not mix or contaminate with any other material

Contraindication:

Do not apply directly on exposed pulp.

Storage:

Do not store the product above 25°C.

Store the product in a cool & dry place.

Do not use after expiry date.

Tightly close container immediately after use.

Shelf life:

3 years from the date of manufacturing

Presentation:

40 gm jar individual box.

Product Description:

Temporary Filling Material used for temporary restorations in cavities and the period between tooth preparation and the permanent cementation of completed inlays.

Indication:

Indicated for temporary filling and sealing. Temporary filling material has adequate resistance to masticatory stresses, yet it may be easily removed with a bur or excavator.

Intermediate Restorative Dental Material

Description:

This is a polymer- reinforced Zinc Oxide – Eugenol composition restorative designed for intermediate restorations intended to remain in place for no longer than one year. It may also be used as a base under restorative materials and cements that do not contain resin components.

Indications.

Temporary, less than 1-year direct restorative filling material.

Composition:

Powder: Zinc oxide, Poly – Methyl Methacrylate (PMMA) Powder, Zinc Acetate, Pigment.

Liquid: Eugenol, Acetic acid, Thymol crystal.

Mixing:

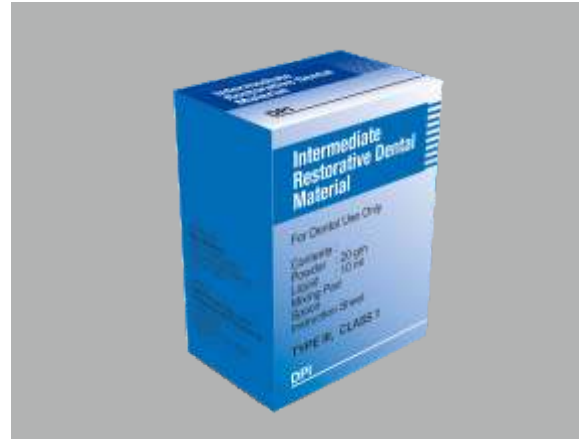
Mix 1 Scoop of powder and 1 Drop of liquid (4:1 wt. ratio) on a mixing plate using spatula for 30~40 seconds or until creamily homogenous consistency arises.

Precautions:

- In the event of ingestion, contact eyes or skin, please contact a doctor immediately.
- It is recommended wearing protective clothing when using this product.

Caution:

- Known hypersensitivity against eugenol or other components, respectively, of the filling material.
- Immediately wash skin with soap and water after contact or flush eyes if contact occurs.



Storage & Shelf Life:

Store in a cool and dry environment. Always close the cap immediately after use.

3 Years from the manufacturing date.

Presentation:

Pack contain - Powder 20gm, Liquid 10ml, Mixing Pad, Spoon and Dropper.

Alphaplac

Description and Features :

Two colour disclosing solution to locate old plaque (stained blue) and new plaque (stained pink).

Indications for Use :

For prophylactic treatment

Presentation :

Bottle of 50 ml.



Zinc Oxide



Description and Features :

A chemically pure, arsenic free material popular for its fine quality as the best grade is used.

Indications for Use :

As a temporary filling material to be used in conjunction with Eugenol.

Presentation :

Bottle of 110 gms.

Eugenol



Description and Features :

As a powerful desensitising agent for dentine and also used with zinc oxide as a temporary filling material.

Indications for Use :

A brownish viscous liquid with a strong odour of cloves. Best grade used.

Presentation :

Amber coloured bottle of 15ml and 110ml.

Mercury



Description and Features :

A specially triple distilled, chemically pure mercury.

Indications for Use :

Recommended for preparing superior dental amalgam in combination with DPI Alloys in powder form.

Presentation :

Bottle of 30 gm. and 225 gm.

Photosil Soft Putty (Addition Cure)



Description and Features :

The Photosil soft putty is two component silicones elastomers which cure at temperature by an addition curing reaction (1:1 ratio).

Indications for Use :

These products are specially formulated for dental impression.

Advantages :

Excellent details reproduction, Standard and quick setting time. No release of toxic substances during and after curing. High resistance to inorganic chemicals and UV rays. Good release properties with organic resin and hydrated plaster of Paris. Biocompatibility and no toxicity. Good mechanical properties and low linear shrinkage.

Presentation :

- Pack of Photosil soft putty contains 300 ml of base & 300 ml of catalyst and accessories.
- Pack of Photosil light body tubes contains 60 ml of base & 60 ml of catalyst and accessories.
- Pack of Photosil light body cartridge contains 50 ml bi-cartridge and accessories.

DPI Impression paste



Description and Features :

A Zinc Oxide - Eugenol impression material. In paste form, very easy to mix, right flow characteristics, dimensionally stable.

Indications for Use:

Useful for edentulous cases and in relining / remodeling. Techniques with individual tray for uniform support.

Presentation:

Box of 2 tubes
125 gm. Zinc Oxide and 85 gm. Eugenol Paste.

Chromatex

(Chromatic Alginate Impression Material)

Description and Features :

A stain textured, micro cellular Alginate powder, Lead free. Excellent dimensional stability, fine reproduction. Pleasant and acceptable mint flavor. Ample working time and controlled flow. Made from the best quality / grade of raw material. Chromatic Alginate help dentists in better ways, as colour change indicates the mixing, working and setting time.

Indications for Use :

For all routine impression of oral cavity.

• Directions for Use :

- Ratio – 15 gm powder: 40 ml water, as per scoops provided.
- Working time at 25° C approximately 1.30 mins. from start of mix.
- Setting time at 25° C approximately 2.30 mins. from start of mix.

Presentation :

30 Impression - 450 gms aluminum foil pouch (Multiple box of 20)



Chromatex Plus

(Chromatic Alginate Impression Material)

Description and Features :

A stain textured, micro cellular Alginate powder, Lead free. Excellent dimensional stability, fine reproduction. Pleasant and acceptable lemon flavor. Ample working time and controlled flow. Made from the best quality/grade of raw material. Chromatic Alginate help dentists in better ways, as colour change indicates the mixing, working and setting time.

Indications for Use:

For all routine impression of oral cavity.

Directions for Use:

- Ratio - 15 gm powder : 40 ml water, as per scoops provided.
- Working time at 25° C approximately 1.30 mins. from start of mix.
- Setting time at 25° C approximately 2.30 mins. from start of mix.

Presentation :

50 Impression - 750 gms aluminum foil pouch (Multiple box of 10)



Imprint

(Alginate Dental Impression Material)



Description and Features :

A stain textured, micro cellular Alginate powder.

- Lead free
- Excellent dimensional stability, fine reproduction.
- Pleasant and acceptable flavor.
- Ample working time and controlled flow.
- Made from the best quality / grade of raw material.

Indications for Use :

For all routine impressions of the oral cavity.

Directions for Use :

- Ratio - 15 gm powder: 48 ml water, as per scoops provided.
- Working time at 27° C – approximately 2 minutes from the start of mix.
- Setting time at 27° C – approximately 2.15 minutes.

Presentation :

15 Impression - 225 gms Aluminum foil pouch (Multiple box of 20)
30 Impression - 450 gms Aluminum foil pouch (Multiple box of 20)
50 Impression - 750 gms Aluminum foil pouch (Multiple box of 10)
75 Impression - 1.125 kg Jar (Multiple box of 8)

Algitex

(Alginate Impression Material)



Description and Features :

A smooth mixing, well accepted Alginate powder.

- Lead time.
- Excellent dimensional stability, fine reproduction.
- Pleasant and acceptable flavor.
- Ample working time and controlled flow.
- Made from the best quality / grade of raw material.

Indications for Use :

For all routine impressions of the oral cavity.

Directions for Use :

- Ratio - 15 gm powder 48 ml water, as per scoops provided
- Working time at 27° C – approximately 2 minutes from start of mix.
- Setting time at 27° C – approximately 2.15 minutes.

Presentation :

15 Impression – 225 gms Aluminum foil pouch (Multiple box of 20)
30 Impression – 450 gms Aluminum foil pouch (Multiple box of 20)
50 Impression – 750 gms Aluminum foil pouch (Multiple box of 10)
75 Impression – 1.125 kg Jar (Multiple box of 8)

DPI Model Cement

Description and Features :

A Sticky Wax

- For preliminary denture repair work.
- For attaching bands to crowns and temporary Attachment of clasps.

Presentation :

DPI Model Cement: 60 gms Box of 10 Sticks.



DPI Pinnacle Impression Compound

Description :

Pinnacle Impression Compound (PIC)

Indications for Use :

An impression material suitable for preliminary as well as snap impressions.

Presentation :

200 gms box containing 5 cakes.



DPI Pinnacle Tracing Sticks



Description and Features :

Pinnacle Tracing Sticks (PTS) suitable for muscle trimming work, generally used along with PIC for accurate impressions.

Presentation :

90 gms box containing 10 sticks.

DPI Modeling Wax



Description and Features :

A uniform Modeling Wax with excellent working qualities and outstanding cohesive properties.

Presentation :

- Standard: 225 gms Box of 11 sheets.
- Special: 225 gms Box of 11 sheets.

DPI Heat Cure (Denture Base Material)

Description and Features :

Heat cure acrylic denture base material

- Simple mixing, easy to process
- Variety of shades (Pink, Light Pink, Veined, Clear)
- Cross linking ensures superior quality.

Indications for Use :

Used for full or partial upper or lower dentures.

Presentation :

- Universal Pack containing: Powder - 450 gms; Liquid: 275 ml; Cold Mould Seal -110 ml.
- Powder – 450 gm bottle (Multiple of 12) and 3 kg. Jar.
- Liquid: 275 ml bottle (Multiples of 12) and 4 Liter Jar.
- Cold Mould Seal – Bottle of 110 ml., 450 ml bottle (Multiple of 12), 3.5 Liter Jar.



DPI RR Cold Cure

Description and Features :

A cold cure self polymerizing acrylic material suitable for all types of repairs to acrylic dentures.

- Working time of 4 minutes.
- Rapid bench cure time of 14 minutes.
- Also useful in orthodontic work.
- Available in pink and clear shades.

Presentation :

- Laboratory Pack containing: Powder – 400 gm. and Liquid – 400 ml.
- Powder – bottle of 110 gms, 400 gms and 3 kg jar.
- Liquid – bottle of 110 ml, 400 ml bottle and 4 liter Jar



Dental X-Ray Film

Characteristic

This dental radiographic film is a double-emulsion high speed non-screen X-ray film (ISO Class E) with a high contrast and fine grain that provides high image quality with outstanding detail definition. The film is intended for direct-exposure routine intraoral radiographs.

The used appliances enables the correction of exposure times as well as dose values (impulses).

Film base

This dental radiographic film is coated on a dimensionally-stable bluish 0.175 mm thick polyester film base. The film is provided, on both sides, with protective and antistatic layers preserving the film against mechanical damage and eliminating the static charge.

Packing

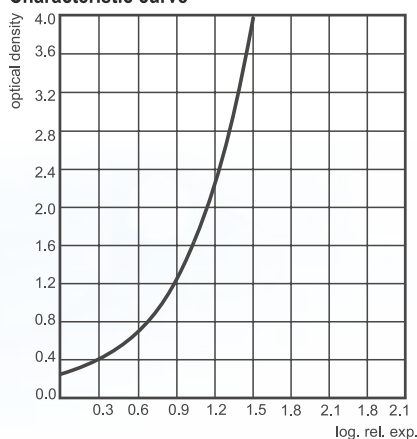
Each sheet of film is enclosed in a light-tight plastic envelope.

size ISO	size [mm]	number of films in one packet	number of packets in one packing
2	30.5x40.5	1	150

This soft and hygienic packaging protects the patient, facilitates manipulation with the film and enables disinfecting the cover with common disinfectants.

Every film packet is protected with a lead sheet on the side opposite to the radiation source (marked on the back-side of the packet). Each film is provided with a protruding dot located near the edge of the film that serves as an identifier for the radiation side on the processed film. Its raised portion indicates the side facing the radiation source.

Characteristic curve



Darkroom illumination

The film is processed with a yellow or diode safety illumination with a wavelength of 590 nm and higher. The Length of exposure and distance of the processed material from the illumination source should be tested.

Processing

This dental radiographic film can be processed manually or in processors. To obtain the best possible results, any good quality processing chemicals of well-known brands can be used.



automatic processing	manual processing – developing
4.5–5.0 min / 25 °C	5.0 min / 20°C 4.0 min / 22°C 3.5 min / 24 °C 1.5 min / 28 °C
	manual processing – fixing
	in minimum 2 min / 15–30°C

Exposure conditions:

X-ray apparatus adjustment: 50 – 70 kV and 7 – 15 mA
(use correct values recommended by the apparatus manufacturer)

Adjustment: 65 kV, 8 mA, 20 cm focus-film distance			
Maxillary	Exposure	Mandibular	Exposure
Incisor	0,18 s	Incisor	0,14 s
Premolar	0,23 s	Premolar	0,14 s
Molar	0,25 s	Molar	0,18 s

For making exposures to children reduce the exposure time by approx. 33%.
For making exposures of empty patches reduce the exposure time by approx. 25 %.
For obtaining the best possible results all necessary changes of exposure parameters (i.e. exposure time, mA, kV or any changes of the focus-film distance) shall be reflected in other parameters.
For X-ray devices with a DC generator, reduce exposure by about 33%.

Storage

This dental radiographic film should be stored in its original packaging in cool dry place at temperatures between 10 °C and 21 °C with a relative humidity of 40 – 60 %, protected from damaging fumes, gazes and ionizing radiation. Before use, the film in the intact original packaging should be allowed to adjust to room conditions for at least 2 – 4 hours.

Warning

Usage and processing of this dental radiographic film result in waste that is classified as hazardous waste and for this reason an ecological liquidation and recycling is necessary. The manipulation with the waste should be in compliance with the national laws.

Classification of the waste:

Polyvinylchloride waste	waste of developers
Lead waste	waste of fixing bath

The product has CE marking and has been produced and marketed in conformity with a quality system according to the international standard EN ISO 9001, EN ISO 13485. Country of origin: Czech Republic

Developer Powder

Product Description:

One pouch A & B to be used for the development of the X-Ray films is about one liter solution.

Developer Description:

Concentrated developer in powder form for dilution to make 1 liter of working solution. Normal processing or automatic processing machine might require different developer. Specify when ordering. Clear and explicit instructions should appear on the label.

Storage:

Once prepared, the developer solution should be used within the two coming months and kept between 15° C and 18° C, protected from sunlight and air to avoid oxidation. It is indicated to prepare this solution in two times.

Shelf Life:

3 years under proper storage.



Fixer Powder

Product Description:

One pouch A & B to be used for the development of the X-Ray films is about one liter solution.

Fixer Description:

Concentrated fixer in powder form for dilution to make 1 liter of working solution.

Storage:

Once prepared, the fixer solution should be used within the two months and stored between 15°C and 18°C and protected from sunlight.

Shelf Life:

3 years under proper storage.





980nm 4watt / 980nm 10 watt Diode Dental Laser

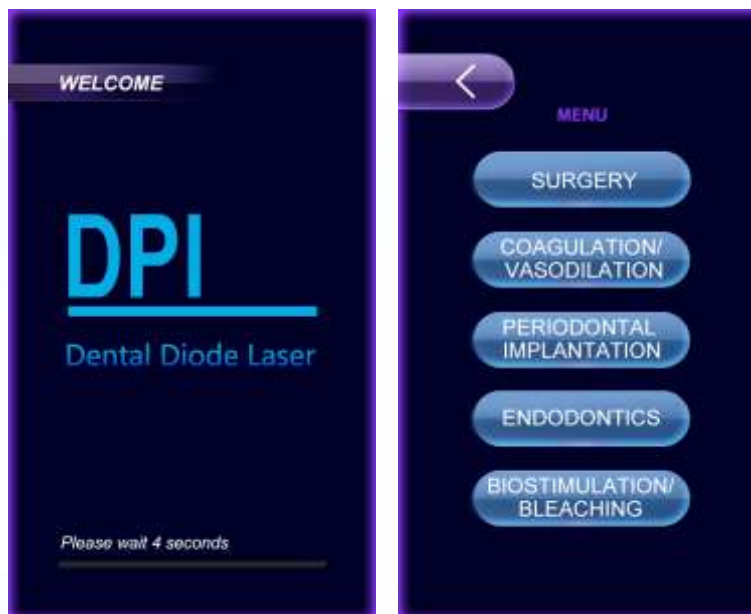
The 980nm Diode Dental Laser is surgical device at the cutting edge of technology which is designed by DPI. It can be widely used in dentistry for all kinds of soft tissue surgery and can meet your satisfaction with its reliable performance and high quality.

Specification

Devices	4W Dental Laser	10W Dental Laser
Dimension	172(L)×130(W)×172(H)mm	172(L)×130(W)×172(H)mm
Laser Type	Diode 980nm	Diode 980nm
Safety Classes	4 class of laser I type B class of electrical safety	4 class of laser I type B class of electrical safety
Power Range	100mw to 4W	100mw to 10W
Operation Mode	Continuous or pulsed	Continuous or pulsed
Pulse Duration	Start from 10us-20s	Start from 10us-20s
Pulse Frequency	Regulated from 1Hz to 25000Hz	Regulated from 1Hz to 25000Hz
Duty Cycle	Adjustable	Adjustable
Aiming Beam	650nm 2mW	650nm 2mW
Audible Notification	Yes	Yes
Visual Notification	Yes	Yes
Power Requirements	AC100-240V 50/60Hz	AC100-240V 50/60Hz
Wireless Foot pedal	Frequency: 2.4GHz	Frequency: 2.4GHz

Application

- Exposure of Unerupted teeth
- Frenectomy
- Gingivectomy
- Gingivoplasty
- Gingival incision and excision hemostasis
- Soft tissue crown lengthening
- Vestibuloplasty
- Teeth whitening (10W Dental Laser)





PIEZO ULTRASONIC SCALER EXPERT

P6 Ultrasonic Scaler Scaling & Perio & Endo Functions

Detachable handpiece can be autoclaved under high temperature and pressure. (137°C, 0.22 Mpa)

Rate : 30 VDC

Frequency : 28KHZ±3KHZ.

- | | |
|-------------------------|-------------------------|
| Main unit P6 - 1pc | Scaling Tip T4 - 1pc |
| Adapter - 1pc | Scaling Tip T5 - 1pc |
| Power Supply Cord - 1pc | Endo Chuck E1 - 1pc |
| Foot Switch - 1pc | Endo Files - 4 pcs |
| H2 Handpiece - 1pc | Torque Wrench Tw2 - 1pc |
| Scaling Tip T2 - 1pc | Endo Wrench Ew1 - 1pc |
| Perio Tip T3 - 1pc | Water Pipe - 1 pc |



TW2 Wrench

TW2 Torque Wrench
Magnet structure holds scaler tip.
Don't worry about excessive screwing.
Each unit has 1pc TW2.
Magnet structure holding scaler tip avoids dropping off.

Scaler Tip

Scaling : 4 pcs
Perio - 1 pc
Endo Files : 4 pcs
Endo Churk : 1 pcs





PIEZO ULTRASONIC SCALER EXPERT

RH1

Ultrasonic Scaler Scaling & Perio Functions

Sealed Handpese
Automatic Frequency Tracking
Work Steadily
Button Screen
Rate: 30VDC
Frequency : 28KHZ±3KHZ



Accessories:

Main Unite Rh1 - 1pc	Scaling tip T2 - 1pc
Adaptor - 1pc	Perio tip T3 - 1pc
Power supply cord - 1pc	Scaling tip T4 - 1pc
Foot switch - 1pc	Wrench Tw1
Scaling tip T1 - 1pc	Water Pipe 1 pc



TW1 Wrench

Copper Material
Autoclaved repeatedly



Scaler Tip

Scaling : 4 pcs
Perio - 1 pc

Calcium Hydroxide Paste with Iodoform

Product Description :

The Paste is premixed oil-based calcium hydroxide paste containing iodoform. The addition of iodoform to calcium hydroxide improves radiopacity and adds an antibacterial agent to the paste. Non-Hardening paste, solubilized calcium hydroxide remains active in root canal for a longer time.

Indications :

- Direct Pulp capping.
- For indirect pulp Capping after pulpotomy.
- Temporary or permanent filling material for infected root canals
- Perfect cavity liner under all filling material
- Dentine-protective and neutralizing cavity liner.

Features & Benefits :

- Improved radiopacity and increased antimicrobial effect
- Non-hardening paste with oil base
- Prolonged release of calcium hydroxide helps create secondary dentine
- Excellent biocompatibility with no toxic effects on cells
- Ideal for infected root canals and vital pulpotomies in deciduous teeth
- Can be used in conjunction with gutta percha points and regular root canal sealants



Composition

Calcium Hydroxide, iodoform, Silicon Oil and inert excipients.

Storage & Shelf Life

Store in a cool and dry environment. Always close the cap immediately after use.

Shelf Life: 3 years under proper storage.

Presentation

3ml syringes + 5 applicator tips.

Calcium Hydroxide Paste With Barium Sulphate

Product Description :

Ready to use, radiopaque, premixed, calcium hydroxide paste with barium sulphate is a creamy paste which is used as a liner or as a temporary dressing. Owing to its high alkalinity (PH12) properties, it chemically neutralizes the acids from cements, and prevents them from reaching the pulp. Calcium Hydroxide Paste does not affect the quality of the filling when applied in thin layer and dried with an air jet so as to speed up its dehydration. It reduces the hypersensitivity of the dentine and helps the neoformation of secondary dentine.

Indications :

- Pulp capping
- Capping after pulpotomy
- Dentine - protective and neutralizing cavity liner

Composition

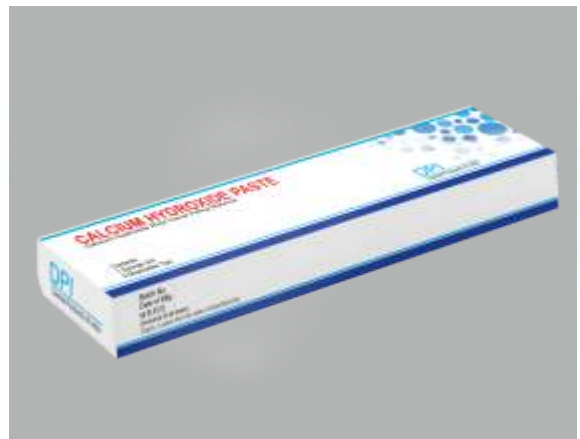
Calcium Hydroxide - 52%

Barium Sulphate - 5%

Others

Method of use :

Attach a disposable applicator to the syringe. Apply a small amount of paste to the clean, affected area.



Storage & Shelf Life :

Store in a cool and dry environment. Always close the cap immediately after use.

3 Years from the manufacturing date.

Presentation :

3 ml syringe + 5 applicator tips.

Root Canal Sealer



Description:

Root canal Sealer is perfect root canal filling material paste which should be neither resorbable once hardened nor retractable over the years. The antiseptic and anti-inflammatory properties will reduce post-operative flare ups. Root Canal Sealer is a non-absorbable zinc oxide-eugenol based root canal sealer to which various ingredients have been added: Thymol Iodide and barium sulphate to increase its radiopacity and to reduce its retraction tendency. Corticosteroids to reduce the painful reactions often observed when root canal sealing is carried out with plain zinc oxide-eugenol pastes.

Composition:

Powder: Dexamethasone, Thymol Iodide, Magnesium Stearate, Zinc Oxide, Barium Sulphate and **Liquid:** Eugenol 10ml

Recommended Dosage Schedule:

DPI Root Canals Sealer is to be used only once for each treatment performed at the average dose of 0.100 to 0.150 gm. of a paste obtained by mixing, as described below.

Mixing:

Mix 1 Scoop of Powder and 1 Drop of Liquid (4:1 wt. ratio) on a mixing pad using spatula for 30-40 seconds until creamily homogenous consistency arises.

Precautions:

- Do not use Root Canal sealer in allergic person.
- Keep away from child.
- In the event of ingestion, contact eyes or skin, please contact a doctor immediately.
- It is recommended wearing protective clothing when using this product.

Cautions:

- Known hypersensitivity against eugenol or any other components, respectively, of the root canal filling material.
- Immediately wash skin with soap and water after contact or flush eyes if contact occurs.

Storage & Shelf Life:

Store in a cool and dry place. Always close the cap immediately after use. 3 Years from the manufacturing date.

Presentation:

Pack contain - Powder 20gm, Liquid 10ml, Mixing Pad, Spoon and Dropper.

3% Sodium Hypochlorite



Description and Feature:

3% Sodium Hypochlorite solution is clear, pale yellowish liquid with characteristic chlorine odour. SODIUM HYPOCHLORITE 3% solution has strong bactericidal effect on all clinical strains of bacteria. It has remarkable bactericidal (Gram-positive and Gram-negative bacteria), sporicidal and fungicidal effect that is achieved in a very short time even at high dilution rates (small concentrations).

Storage and shelf life:

Store in a cool and dry environment. Always close the cap immediately after use.

18 months from the manufacturing date.

Presentation:

500 ml plastic jar

G.P. Solvent

Gutta Percha Solvent

Indications :

- To remove all types of root canal filling materials including Zinc Oxide – Eugenol cement
- As a disinfectant / cleaner for endodontic instruments
- For removing gutta percha at the time of root canal re-treatment

Product Description :

G.P Solvent is used for removing gutta percha at the time of root canal re-treatment. Also useful for removing all types of root canal filling materials including Zinc Oxide –Eugenol Cement or as a cleaner for endodontic instruments. G.P Solvent is non-hazardous unlike Chloroform / Trichloroethylene which are considered as carcinogenic substances. Also, it is less volatile as compared to chloroform / Trichloroethylene. G.P Solvent is based on natural substances and therefore it does not cause irritation to oral mucosa and peri-apical tissue.

Composition :

G.P Solvent is d-Limonene which is a natural substance extracted from orange oil.

Cautions :

G.P Solvent is volatile and flammable. Keep away from heat source. Keep bottle tightly capped after every use.



Shelf life :

G.P Solvent is guaranteed for best performance for a period of 3 years when properly stored. Close the Container carefully after use. Keep Away from Moisture. Shelf Life not affected after opening if stored in a cool dry place. If not to be used for a longer duration, keep in refrigerator. Allow material to reach room temperature prior to use

Presentation :

15ml glass bottle in individual box.

17% EDTA Solution

Chelating agent for root canal

Product Description :

Disodium Edetate solution with neutral pH for chemical, mechanical cleansing and enlarging of root canals.

Applications :

- Rapid root canal cleansing and shaping during instrumentation.
- Helpful in opening calcified root canals

Composition :

Disodium edentate
Purified Water

Product Benefits :

- 17% solution and neutral pH cleanses root canals rapidly
- Helpful in enlarging of canals
- Opens calcified canals



Storage & Shelf Life :

Store in a cool and dry place. Always close the cap immediately after use.

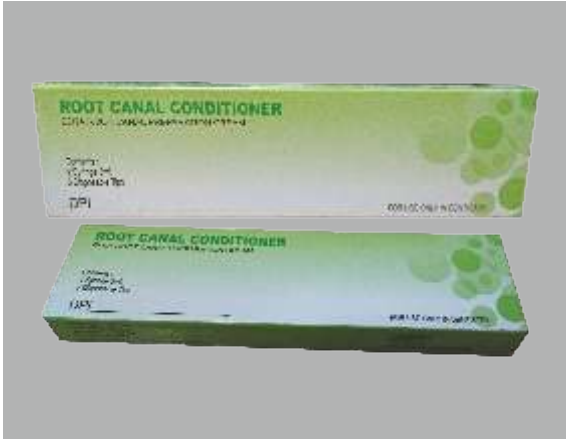
Shelf Life : 3 years under proper storage.

Presentation :

15ml glass bottle in individual box

Root Canal Conditioner

EDTA root canal conditioner cream



Indications:

- For chemical - mechanical preparation of root canals.
- Cleansing and enlarging of calcified root canal.
- Contains appropriate lubricant to minimize potential of file breakage.
- A gel like consistency that clings to files, making placement in the canal easier and more convenient.

Composition:

- 17% EDTA buffered to neutral pH
- 10% carbamide peroxide
- Excipients

Product Benefits:

- Helps in mechanical as well as chemical cleansing of root canal preparations.
- 17% EDTA helps in chelating the calcium salts.
- Gel helps lubricate endodontic instrument and makes penetration easier.
- 10% carbamide peroxide promotes internal bleaching on irrigation with hypochlorite solution.

Instructions For Use

- Root Canal Conditioner should be used repeating the following sequence:
- Coat the instrument to be used with the gel for lubrication, shape to the desired number, irrigate with a sodium hypochlorite solution (2%-5%).

Contra-Indications:

- Do not use Gel outside of the root canal system or on soft tissues.
- Immediately wash skin with soap and water after contact or flush eyes if contact occurs.

Warnings

- Not injecting material.
- Carbamide Peroxide and EDTA should not be applied to tissue outside of the Root Canal such as mucosa of skin. Wash skin with soap and water after contact.

Precautions:

- The viscosity of Root canal conditioner is affected by storage conditions. If a more viscous or thicker consistency is desired, store in a refrigerator.
- In the event of ingestion, contact with eyes or skin, please contact a doctor immediately.
- It is recommended to wear protective clothing when using this product.

Storage:

Store in a cool and dry environment. Always close the cap immediately after use.

Shelf Life:

2 years under proper storage

Presentation:

3ml syringes + 5 applicator tips.

