



# PRIME<sup>®</sup>

DENTAL PRODUCTS PVT LTD

Established in 1987

Manufacturer & Importer of Dental Materials & Equipment

## Equipment Catalogue 2023-24

Specialised in  
**New Clinic Setup  
&  
Up-gradation**

Support from our team  
before & after chair setup



**For Inquiries**

**+91 91759 38290**



**For After Sale Services**

**+91 96375 22290**



**Prime-Dental.in**



**primeequipment  
@prime-dental.in**

Scan



## Challenger



### Features

- Fully Programmable Dental Chair Unit with 3 Variable Programs ; 2 Fixed Programs - Zero & Gargle
- LED X-Ray viewer, Pressure guage
- 2 High-speed airtor connections & 2 three-way syringe
- In-Built E-type Micro Motor Kit With Engine
- In-Built LED Scaler With 5 tips
- Pneumatic lock for control box arm
- Large instrument base on control box
- LED (6 LED) Light multi-intensity with sensor
- Movable Arm Rest
- Master Foot control with chair movement
- Glass spittoon with definable timer control water filling system
- Seat & Backrest Synchronize Movement
- Assistant's side controls 3-way syringe ; low air venturi suction
- Broad base for better stability
- Doctor's Stool



S-10



S-11



S-12



S-13



S-14



S-15



S-16



S-17



S-18



S-19



S-20



S-21



S-22



S-23



S-24



S-25



**Optional\***

- In-built Ultra Sonic Scaler with tips
- \*Optional features are at extra cost

**Everest**



**Features**

- Knee foldable front seating dental chair unit
- Fully programmable dental chair unit with 3 variable programs ;  
2 fixed programs - Zero & Gargle+ LED X-Ray viewer + Pressure gauge
- 2 High-speed airtor connections ; 1-Micromotor connection (without engine) & 3-way syringe
- Trolley mounted control box
- Large instrument base on control box
- LED Light-multi-intensity with sensor
- Multi-function foot control
- Glass spittoon with definable timer control water filling system
- Bio-flush cleaning system
- Assistant's side controls: 3-way syringe ; Air venturi suction with adjustable control
- Broad base for better stability
- Doctor's Stool



S-10



S-11



S-12



S-13



S-14



S-15



S-16



S-17



S-18



S-19



S-20



S-21



S-22



S-23



S-24



S-25



## Motorised suction



### *Pure Air* PAS-750

- Direct Drain
  - Solid-Liquid Filtration
  - Power :750W
  - Vacuum : -12KPa
  - Pump Flow: 300L/min
  - Noise: 45dB
  - Net Weight : 22kg
  - Size:30\*36\*61cm
  - Volt./Hz:110-240V 50/60Hz
- Can support up to 2 Chairs

## X-Ray Machine

**Wall Mounted Model**  
 (Mfg. by: Bio Medicare)



- Remote control system from 10-20 feet distance against any type of obstacles.
- Exposure time can be set by soft touch buttons.
- Automatic power cut-off at low/high voltage for the safety of X-Ray tube.
- RVG compatible.
- Exposure times from 0.01 sec to 5 sec.

## Glass Bead Sterilizer



- Compact body
- High quality heater well
- Glass bead size is 1mm for better contact sterilization
- Automatic cut out for temperature
- Indicator is for wait ready

## Dental Compressor Oil Free



*Pure Air*

PA30/740  
 1 HP  
 (Tank 30 Ltrs / Head 740W)

## X-Ray Developer Box



- 3 Plastic jars for developing, fixer & water
- Fully fiber black body
- Acrylic transparent sheet for better viewing
- Electrical point holder for zero lamp

## Lead Apron



- Single sheet high quality lead
- 2.5kg light weight
- Durable & aesthetically designed

## U V Chamber



- U V light tube of high quality
- Special SS medical grade steel
- Back clip for hanging on wall
- Extends sterile condition of the instruments
- Stainless steel tray for storage
- Dimension: (Inner - 20" x 9.5" x 6" ;  
 Tray - 9.5" x 6")

# Allure

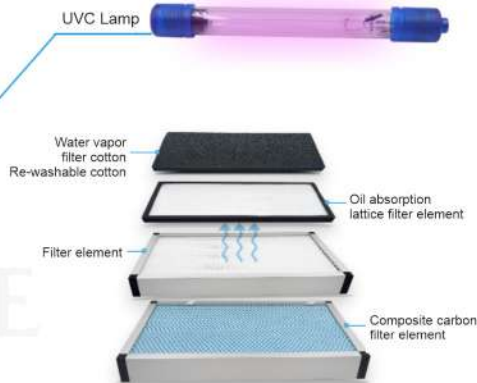
A wide range of Dental Equipment

## External Oral Suction ES 500



With  
Wireless Remote

High-end  
Touch Panel



**ES 500** has a 4 layer filtration & 1 UVC lamp

- 1 layer of washable cotton filter
- 1 layer of water vapor absorbing filter
- 1 layer of H13 HEPA
- 1 layer of active carbon filter

**Voltage:**  
110V 60hz/220V 60hz  
**Noise:** 30-40db

**N.W:** 18.6kg

**Size:** 50x33x53cm

**Air Flow Rate:** 310m<sup>3</sup>/h  
**Negative Pressure:** 3.2kpa  
**Filtration:** 0.3 u m 99.96%

## External Oral Suction ES 1000



**Greatly reduces the risk of cross infection  
between doctors & patients  
& protects respiratory health**



Efficient Filtration

**Voltage/Frequency:**  
110V-240V, 50HV/60HV

**Rated power:**  
1000 W



Segmented Rotary Arm

**Control mode:**  
Touch screen /  
two gears adjustable

**Suction flow:**  
4000L/min

**Filtration efficiency:**  
99.9%



High-end Touch Panel

**Noise:**  
≤ 60db

**Product Size:**  
32x33x75.5cm  
Arm Length 1.3m

**-Power suction motor (Keeps strong suction)**

**-Double activated carbon + HEPA high precision filter (4 quadruple filtering)**

**-UV-C Irradiation + Plasma sterilization**

**-Easily solves harmful substances such as air-liquid droplets, aerosols, cutting dust & odors in clinic**

## Composite Heater



Range 40<sup>°C</sup> TO 70<sup>°C</sup>

STANDBY MODE



HEATING MODE



MODE SETTING



• Can also heat Sodium Hypochlorite in syringe

## i- Length Jr. Apex Locator



Are you irritated or confused  
while measuring working length?

**i- Length Jr.**  
is the solution!

- Automatic calibration
- Long battery life
- Convenient USB charging
- Stable & Precise measurements
- LCD color display
- No zero adjustment



**Integrated  
Endodontics**

## i- Clean Endo Agitator



- Eliminates biofilm and smear layer
- Facilitates upward debris removal
- Favours penetration of irrigants into the non-instrumented zones
- Improves the sealing of the obturation
- Reduces the microbial load
- Improved activation

### Box Contents:

- Unit = 1
- Black Rubber Cover = 2
- Wrench = 1
- Tips = 3 tips
  - C20/02 - 19mm x 1 tip
  - S20/02 - 21mm x 2 tips
- Charging Wire = 1
- User Manual



**Authorised Service Centre**



**MORITA**

Thinking ahead. Focused on life.

## Dentaport ZX

### Reliable Apex Localization

Dentaport ZX measures root canals accurately and precisely Built-in on the industry standard Root ZX technology, Dentaport ZX will measure in both wet or dry canal conditions with class-leading accuracy of 97.5%.\*



- Accurate Measurement
- No Zero-Adjustment
- Automatic Calibration
- Large Colour Display

## Root ZX mini

### Compact and Accurate

The trusted name in apex location for over 30 years The Root ZX mini shares the same proven technology that has been relied on by endodontic enthusiasts for over 30 years. This technology has been independently evaluated at a 97.5% accuracy rate.\*



#### Accurate

Utilizing a unique and proven Morita ratio technique, the Root ZX mini provides a highly accurate indication of the file's location. The accuracy of the apex location is not affected by the presence or absence of fluids in the canal.

#### Simple

No calibration or zero adjustment needed. Automatically adjusts to changes in temperature, moisture, etc. inside the canal, even during treatment.

#### Compact

Whether placed on a tray, a table, or elsewhere, the Root ZX mini's compact size allows for easy and convenient usage.

#### Modular

Connect your Root ZX mini to your Tri Auto mini to provide a complete endodontic treatment solution.

**Authorised Service Centre**



**MORITA**

Thinking ahead. Focused on life.

# TriAuto mini

## Compact, Cordless Endodontic Motor

- **Small head (9mm) for excellent visibility**  
Head is only 9 mm in diameter.
- **Compact and lightweight**  
The compact and lightweight design of TriAuto mini provides excellent access and tactile feedback.
- **Automatic Controls and Settings**  
Rotation Direction: forward and reverse  
Torque Reverse: nine torque reverse settings  
Auto Controls: Auto Torque Reverse / Auto Torque Slow-down
- **Wide speed range (50rpm - 1000rpm)**  
Eleven speed settings from 50 rpm to 1,000 rpm.
- **Easy to read LCD display**  
Graphics, numbers, and letters are easy to read. The display may also be reversed for left-handed dentists.
- **Backlight color identifies current conditions (If connected to Root ZX mini)**  
The backlight changes color to alert the dentist when torque reaches its set limit, and if TriAuto mini is connected to Root ZX mini, when the file tip goes beyond the apical limit.
- **Programmable settings**  
Various setting combinations can easily be programmed and selected.
- **Module system**  
When connected to the Root ZX mini with the transmission cable (both sold separately), the automatic controls are available for more efficient canal preparation.



## Combo Offer

### Benefits when Root ZX Mini is connected to TriAuto Mini

Auto-start & Auto-stop - When inserted in canal & removed respectively.

**Benefit** – NO accidental injuries to patient.

Auto-reverses from Apex :

**Benefit** – Not to worry of canal length shortening after preparation as it will accurately locate apex & reverse.

Apical Speed Slow down & Apical Torque down :

**Benefit** – It minimizes file breakages in apical region which is very narrow & many times, curved.

As per the data most file breakages are observed in this region.



**Root ZX mini  
 +  
 TriAuto mini  
 with  
 Accessories**



**Authorised Service Centre**

**TriAuto ZX2**

**Smart Endodontic Motor with Built-in Apex Locator**

**Apical Patency by Rotary Instrumentation**

Now possible with Rotary Files as small as #10



Canal measurement on LED color display

**EMR Mode**

This mode is for canal measurement.  
 \*The motor does not run in this mode.

**CW Mode**

The motor rotates forward 360°. Torque reverse and other functions can be used.

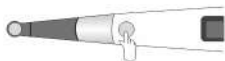
**OGP Mode**

The OGP (Optimum Glide Path) function is used for the canal negotiation making the glide path.

**Canal Treatment**

**Turn Power On**

Press the Main switch



**Upper Part Shaping**

- |          |  |  |  |
|----------|--|--|--|
| <b>1</b> | Enlarge the upper part of the canal to make treatment easier |  Memory: m2 |  Memory: m2 |
|          |  | Mode: CW   | Mode: CW   |

**Canal Measurement**

- |          |   |  |  |
|----------|---|--|--|
| <b>2</b> | Measure the canal to determine the working length |  Memory: m1 |  Memory: m1 |
|          |   | Mode: EMR  | Mode: EMR  |

**Glide Path**

- |          |   |  |  |
|----------|---|--|--|
| <b>3</b> | Use a thin file to make the glide path needed for shaping |  Memory: m3 |  Memory: m1 or m6 |
|          |   | Mode: OGP  | Mode: OGP  |

**Canal Shaping**

- |          |  |  |  |
|----------|--|--|--|
| <b>4</b> | Change file sizes as you shape the canal |  Memory: m4 |  Memory: m7 |
|          |  | Mode: OTR  | Mode: OTR  |

**Turn Power Off**

Hold the Select switch and then press the Main switch



**Normal canals**  
 Canals with normal shape this is for most canals



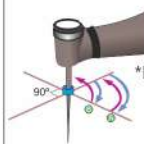
**High difficulty canals**  
 Extremely curved canals, ledged canals, blocked canals, etc.



**Linkage to canal measurement function**  
 If the contrary electrode is applied to the patient, the instrument can be linked to the canal measurement function while it is being used

- Root Canal Measurement
- OGP (Optimum Glide Path)
- OTR (Optimum Torque Reverse)
- OAS (Optimum Apical Stop)
- Auto Start / Stop
- Auto Torque Reverse
- Auto Apical Reverse / Stop
- Auto Apical Slow Down
- Auto Apical Torque Down
- Auto Torque Slow Down

**OGP (Optimum Glide Path) function**



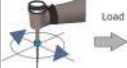
- |      |                                 |                                 |
|------|---------------------------------|---------------------------------|
| 90°  | → 90° forward and 90° reverse   | → 90° forward and 120° reverse  |
| 180° | → 180° forward and 180° reverse | → 180° forward and 270° reverse |
| 240° | → 240° forward and 240° reverse | → 240° forward and 330° reverse |

Repeat the watch-winding (A) and balanced force (B) motions.

**OTR Mode**

The OTR (Optimum Torque Reverse) function is used for the canal shaping

• OGP (Optimum Torque Reverse)

Normal Rotation	OTR Action	90° reverse and 180° forward
	Load	180°
		240°
		120° reverse and 240° forward

Continuous forward rotation normally, but when the load on the file exceeds the set limit, the file automatically starts alternately between forward and 90° reverse rotation (default setting).

**CCW Mode**

The motor rotates counterclockwise direction only. This mode is used to inject calcium hydroxide and other medicant.

\*When this mode is being used, a double-beep sounds continuously

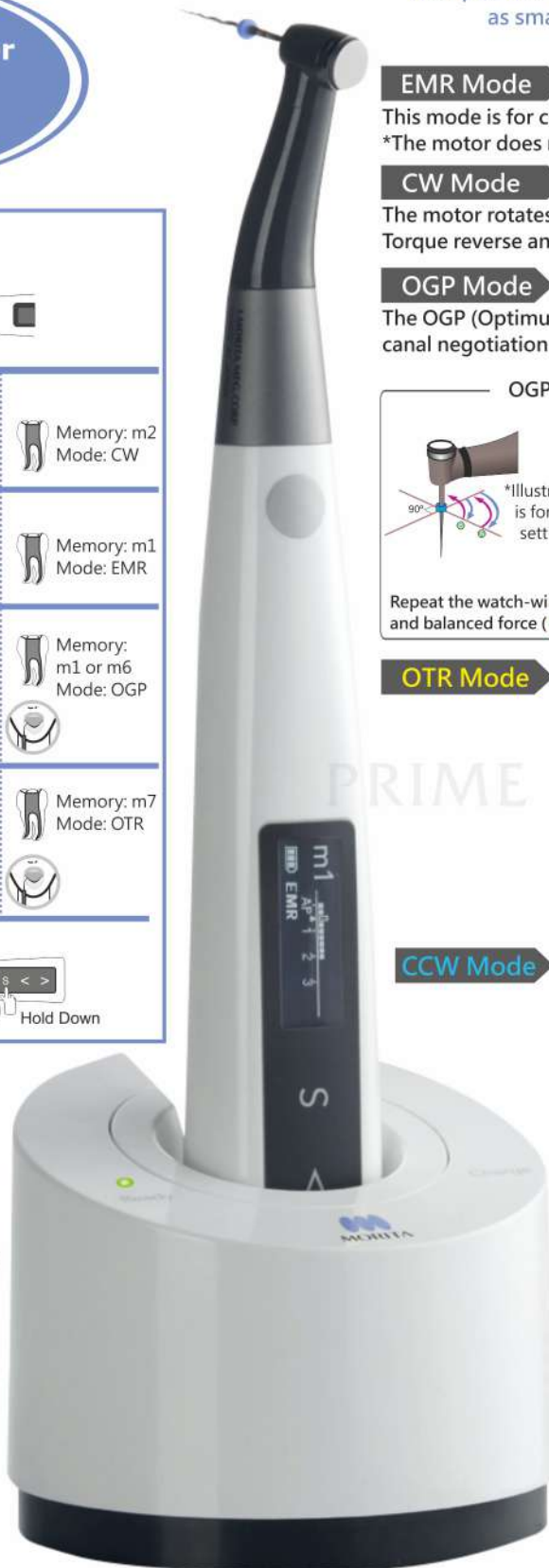
**With OGP Mode Save your time**



**Achieve Apical Patency in shortest possible time of approximately 2 minutes\* even in complicated J shaped canals.**

**With OTR Mode**

**Prevent file breakage & more importantly ledge formation in curved canals.**





# PRIME<sup>®</sup>

DENTAL PRODUCTS PVT LTD

Established in 1987

Manufacturer & Importer of Dental Materials & Equipment



**For Inquiries**

**+91 91759 38290**



**For After Sale Services**

**+91 96375 22290**



**Prime-Dental.in**



**primeequipment  
@prime-dental.in**

Scan

