



## Planning to set up your

## Dental Clinic?

Your Dream Clinic, Our Experts Setup

We Bring The Latest Technology, Ergonomic

Designs & Top-Quality

Equipment -All Under One Roof!

## **Setup Services Include:**

Dental Chair Units (Basic to Premium)
Installation, Staff Training & After- Sales Service
Compressors, Scalers, Autoclaves & More
Digital X-ray Systems (RVG, OPG, CBCT)

## Why Choose Us?

Premium Quality Products
Customised Setup
Professional Support
Clinic Delivery & Setup
Affordable Packages
Trusted by 1000+ Dentists

Let's turn your dream clinic into a reality!

Contact Now:
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www.smartdent.in



## Dental Chairs

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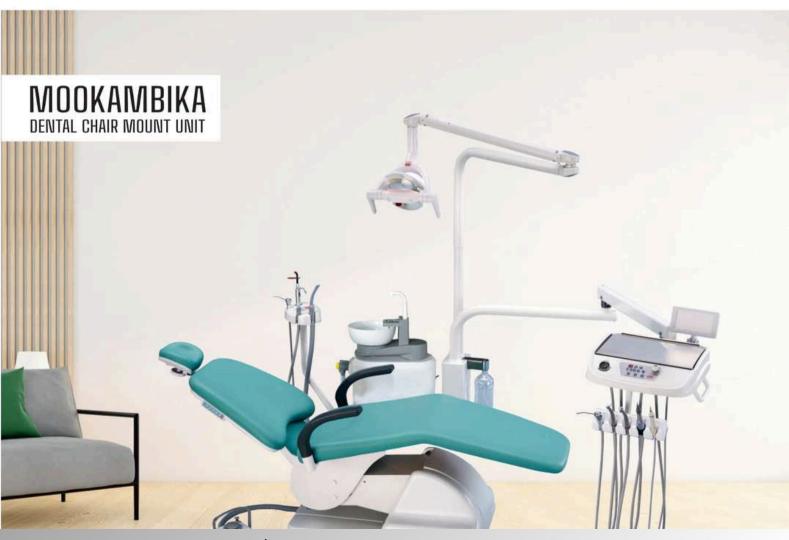
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## SKEMA 8

## REWRITES THE FUTURE

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## SKEMA 5

EVOLVING POTENTIAL

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- Programmable Dental Chair with Touch screen control
- Unit fitted with: Floor mount light with, LED ("FARO" MAIA) Operating light having On/Off & intensity control by non-touch sensor.
- Monitor mounting arm:
- Chair Fitted with Most latest memory foam with Ultra Leather covering
- Head Rest having lateral movement, raising and lowering, rotation on central axis with pneumatic rigid lock
- Hand rest, Euro mouldeds rigid, Dropping down for easy access of patient which is most latest
- Spittoon component: Spittoon move automatically over the body
- Synchronised with gorgle and goes back to home position when the chair goes to working position.
- Also can be moved manually.
- Oval shaped bowl to cover more area to easy spitting, detachable spittoon, autoclavable
- Special shape water component, Most graceful and clean.
- Suction tube automatic flushing system both for high and low vacuum tubes to remove bio bilm with disinfectant and water alternatively.
- Modular System Trolley:
- Heavy duty trolley arm system with multi joint for smooth adjustment with pneumatic lock
- Over hanging delivery system:
- Most latest perfect locking by pull, stable, unlocking by pulling and leave the arm.
- Locking pin diecast Aluminium for life long service
- All Valves for air and water are solenoid, Electrically operated 24 VDC valve for life long service
- Brushless Optic Micromotor NSK/W&H fiber optic with internal spray supplied with 1:5 speed increase handpiece with optic light and internal spray push button type.
- Airotor points 1 No
- Fiber optic airotor tubing with coupling 1 No.
- 6-way syringe with light 1 No.
- 3 way syringe 1 No
- NSK Fiber optic scaler with 3 scaler tips.
- High intensity light cure having 1,800 mw/cm2 from BG Light
- Multifunction foot control,
- Chair control with 7 inch touch screen with HDMI all in one solution in chair powered by 64 bit quad core processor with 8 GB RAM having 4 user control and each user has 4 programmable chair position with zero and gargle position along with water for spittoon and tumbler, also the screens for micromotor control, scaler control, airotor, flush and setting screen.
- Tray Holder with all the movements can slide in the bracket to the desired position.
- Wet-line suction continuous rating 300 L/Minute
- Assistant console on multi joint arm for easy accessibility
- Handpiece flushing with disinfectant solution
- All the handpiece can be flushed together
- Separate switch for cleaning with disinfectant and clean water bottle





## Chamundi Plus Dental Chair Mount Unit

- · Programmable Dental Chair with 6 programme digital animation on Screen
- · Unit fitted with:
- Seat, back rest and head rest are thickly cushioned, covered with rexin.
- · Floor mount LED light with Camera ("Luvies Korea) Operating light having On/Off &
- HD recoding storage capacity 4K resolution intensity control by non- touch sensor with 50,000 lux.
- · Monitor mounting arm:
- Head Rest having lateral movement, rising and lowering, rotation on central axis with pneumatic rigid lock
- · Hand rest, Euro moulded rigid, Dropping down for easy access of patient which is most latest
- Spittoon component: Spittoon move automatically over the body, synchronised with gorgle, and goes back
  to home position when the chair goes to working position. Also can be moved manually.
- · Oval shaped bowl to cover more area for easy spitting, detachable spittoon, autoclavable
- · Special shape water component, Most graceful and clean.
- · Modular Trolley System :
- · Heavy duty trolley arm system with multi joint for smooth adjustment with pneumatic lock
- · Over hanging delivery system
- · Most latest perfect locking by pull, stable, unlocking by pulling and leave the arm.
- Locking pin diecast Aluminium for life long service
- · All Valves for air and water are solenoid, Electrically operated 24 VDC valve for life long service
- Dentist chair control with 3.5" TFT based display with 480/320 resolution minimal design with all dental chair controls.
- · Keys are provided for each operation and corresponding indications are shown on the display.
- · 6 Programmable chair position option.
- Brushless Optic Micromotor NSK / W&H fiber optic with internal spray supplied with 1:5 speed increase handpiece with optic light and internal spray push button type.
- Airotor points 2 Nos
- 6-way syringe with light 1 No.
- 3 way syringe 1 No
- Supreme optic scaler with five scaling Tip
- Cordless light cure unit 1 No
- Multifunction foot control
- · Wetline suction continuous rating 300L / Minute
- · Assistant console on multi joint arm for easy accessibility
- · Handpiece flushing with disinfectant solution
- · All the handpiece can be flushed together
  - Separate switch for cleaning with disinfectant and clean water bottle

Even Cares for Your Eyes Introducing new Dental Light

Luvis C500





Classification		Unit	Specification	Reference
Centre intensity	Min	Lux	3,000 Lux	@ 4500K
(@ 70Cm)	Max	Łux	50,000 Lux	(0) 4.20UM
Focal Distance		-Cm	70	
Color temperature (3steps)		K	4,000/4,500/5,000	Selectable
C.R.I(Ra)		N/A	95	@ 4,000K
Consumption		<30W		
LED life time			50.000 LUX	

Camera	Specification	
Image Sersor	1/28 CMOS	
Lens	30x Optical zoom	
Image Point	2.38 M Poel.	
Object Distance (Min.)	600-800mm (Telle and	
VicieoSignal	HD-5D) Coxist cable 1980s/980s/220s	



Body Contoured Electrically operated dental chair equipped with state-of-art microprocessor based chair control system.

- Soft key switches for chair operation.
- Two customizable programmes, zeroposition and gargle position.
- . Synchronised movement of back rest and seat rest for patient comfort.
- · Articulated Headrest with thickly cushioned rexine.
- Swivelling arm rest for easy patient access.

#### Maia LED (OEM, Faro, Italy) Operating light having multi surface reflector having 30000lux.

- . On / Off and intensity control by non-touch sensor with 3 directional movements.
- · Light Fitted on well balanced base mount piller & sturdy arm for operator's convenience.
- Monitor mounting arm

Easily cleanable chair side blue colour oval glass spittoon with auto water connection for spittoon and tumbler, manually moveable towards the patient chest position for convenience

### High and Low vacuum motorised non-stop CRS suction.

- Suction power of 350 Ltr / min.
- Auto drain & Auto flush system.

## Assistant side Chair controls.

- High & Low vacuum suction cannulas with individual filters to collect debris with removable tubing to keep hygiene.
- 3-way syringe
- Led Light cure unit (Cord less)

#### Surgical Cart System Unit:

- · Airotor points with tubing & nut fitting 2 Nos
- · Supreme Micro motor 35,000rpm with digital display of speed
- Supreme optic scaler with five scaling tips
- · 3-way syringe
- SS Instrument Tray
- Transparent water booster

#### Multifunction Foot Control

Joystick function for chair movement, Airotor and Micromotor and scaler Operations

## "COMFORT" Dental operator's stool moving on five castors with chromium plated base.

- Pneumatic piston for up down movement, backrest & seatrest.
- · Ergonomically designed hand rest for operator's convenience.



FARO MAIA LED: Even the sunlight affects colour perception: at changing of the seasons or hours of the day we see different colours. Therefore it is important to have a light source that, at any time, is able to give accurate information to the doctor. All FARO lamps offer intensity adjustment so that the

visual function can capture the tiny details of the operative field with minimal effort, constantly keeping the colour temperature at 5,000 K.













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#### Chamundi Dental Chair Mount Unit

Body Contoured Electrically operated dental chair equipped with state-of-art microprocessor based chair control system.

- · Soft key switches for chair operation.
- Two customizable programmes, zeroposition and gargle position.
- · Synchronised movement of back rest and seat rest for patient comfort.
- · DArticulated Headrest with thickly cushioned rexine.
- Swivelling arm rest for easy patient access.

#### Maia LED (OEM, Faro, Italy) Operating light having multi surface reflector having 35000lux.

- . On / Off and intensity control by non-touch sensor with 3 directional movements.
- Light Fitted on well balanced base mount piller & sturdy arm for operator's convenience.
- Monitor mounting arm

Easily cleanable chair side blue colour oval glass spittoon with auto water connection for spittoon and tumbler, manually moveable towards the patient chest position for convenience

#### High and Low vacuum motorised non-stop CRS suction.

- · Suction power of 350 Ltr / min.
- Auto drain & Auto flush system.

## Assistant side Chair controls.

- High & Low vacuum suction cannulas with individual filters collect debris with removable tubing to keep hygiene.
- · Beecool LED Light cure unit (Cord less)
- · 3-way syringe

## Modular delivery system (Hanging / Over the Patient)

- · Airotor points with tubing & nut fitting 2 Nos
- · Supreme Micro motor 35,000rpm with digital display of speed
- · Supreme optic scaler with five scaling tips
- · 3-way syringe
- SS Instrument Tray
- · X -Ray viewer.

## Multifunction Foot Control

Joystick function for chair movement, Airotor and Micromotor and scaler Operations

## "COMFORT" Dental operator's stool moving on five castors with chromium plated base.

- · Pneumatic piston for up down movement, backrest & seatrest.
- · Ergonomically designed hand rest for operator's convenience.



FARO MAIA LED: Even the sunlight affects colour perception: at changing of the seasons or hours of the day we see different colours. Therefore it is

important to have a light source that, at any time, is able to give accurate information to the doctor. All FARO lamps offer intensity adjustment so that the



visual function can capture the tiny details of the operative field with minimal effort, constantly keeping the colour temperature at 5,000 K.



















## Meenakshi Dental Chair Mount Unit

Body Contoured Electrically operated dental chair equipped with state-of-art microprocessor based chair control system.

- · Soft key switches for chair operation.
- · Two customizable programmes, along with zero and gargle programme.
- · Double Articulated Headrest with thickly cushioned rexine.
- · Swivelling arm rest for easy patient access.

#### LED (EDI, Faro, Italy)Operating light having multi surface reflector with capacity of 30000lux.

- . On / Off and intensity control by non-touch sensor with 3 directional movements.
- · Light Fitted on well balanced arm for operator's convenience.

Easily cleanable chair side round glass spittoon with auto water connection for spittoon and tumbler. Moveable towards chest of the patient.

#### High and Low vacuum motorised non-stop CRS suction.

- · Suction power of 350 Ltr / min.
- Auto drain & Auto flush system.

### Assistant side Chair controls.

- High & Low vacuum suction cannulas
- Beecool cord light cure unit
- · 3-way syringe

### Modular delivery Hanging system.

- · Airotor points with tubing & nut fitting 2 Nos
- · Supreme Micro motor 35,000rpm with digital display of speed
- · Supreme optic scaler with five scaling tips
- · 3-way syringe
- SS Instrument Tray
- · X -Ray viewer.

#### **Multifunction Foot Control**

- · Joystick function for chair movement.
- · Pedal operated airotor and micromotor contorl.

### \* EURO \* Dental operator's stool moving on five castors with chromium plated base.

· Pneumatic piston for up down movement.













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#### Mookambika Dental Chair Mount Unit

## Body Contoured Electrically operated dental chair equipped with state-of-art microprocessor based chair control system.

- · Soft key switches for chair operation with Zero programme.
- · Articulated Headrest with thickly cushioned rexine.
- Swivelling arm rest for easy patient access.

## LED-FSF C-20 Operating light having multi surface reflector with capacity of 50000lux.

- . On / Off and intensity control by non-touch sensor with 3 directional movements.
- Reflector ensures the illumination uniformity of the pattern and good shadow less effect.
- · Light Fitted on well balanced arm for operator's convenience.

#### Easily cleanable chair side round glass / porcelain spittoon with auto water connection.

- · Auto drain & Auto flush system.
- · High and Low vacuum motorised Dryco suction of 275Ltr / min.

## Assistant side Chair console.

- · High & Low vacuum suction cannulas
- · Beecool cord light cure unit
- · 3-way syringe

### Modular delivery Hanging system.

- · Airotor points with tubing & nut fitting 2 Nos
- · Supreme Micro motor 35,000rpm with digital display of speed
- · Supreme Non-optic scaler with five scaling tips
- · 3-way syringe
- SS Instrument Tray
- · X -Ray viewer.

#### Multifunction Foot Control can be use for Airotor and Micromotor Operating.

- · Joystick function for chair movement.
- · Pedal operated airotor & suction control

### \* SURGI \* Dental operator's stool moving on five castors with chromium plated base.

· Pneumatic piston for up down movement.











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## **Wave Dental Chair Mount Unit**

Body Contoured Electrically operated dental chair equipped with state-of-art microprocessor based chair control system.

- · Soft key switches for chair operation.
- · Double articulated head rest for patient.

## Light:

- · Halogen bulb Operating light having glass reflector with two intensity
- . On / Off and intensity control by switch.
- · Light Fitted on Well balanced arm for operator's convenience.

Easily cleanable chair side round glass spittoon.

#### Suction

· Air ventury suction.

### Assistant side chair console

- · High & Low vacuum cannulas
- · Beecool cord light cure unit

#### Modular System

- · Modular delivery Hanging system.
- · Airotor point with tubing & nut fitting 1No.
- · Supreme Micro motor 35,000rpm with digital display of speed.
- · Ultrasonic Non optic scaler with five scaling tip endo chuck 1No.
- · 3way syringe 1No
- · SS instrument Tray.
- · X -Ray viewer.

### Multifunction Foot control to operate Airotor & Micromotor.

### **Dental Operator Stool**

- . "SURGI" Dental operator's Stool moving on five castors with chromium plated base.
- · Pneumatic piston for up down movement.

#### Optional Fittings:

- · Airotor Air Compressor.
- Handpieces.













## **Seating Options**SILVER LINE

## **Feature**

Packing Size : L x W x H (ins | cm)53.5 x 32.3 x 263.8 I 136 x 82 x 670

Product Size : L x W x H (ins | cm) -72.8 x 33.9 x 22.6/34.6 I 185 x 86 x 57.5/88

Gross Weight : (lbs | kg )230.4 I 104.5
 Net Weight : (lbs | kg) ) 283.3 I 128.5

Max Weight : 330 lbs
Motors : 4
Voltage : 240V
Frequency : 50Hz
Standard Control : Handset
Installation : 2 Person
Assembly : None



## SERIES-2246EB

: PU Leather



Upholstery







## Feature

Net Weight

Packing Size : L x W x H (ins | cm)136x84x64
 Product Size : L x W x H (ins | cm) 186x56x58x89
 Gross Weight : (lbs | kg) 96/99

(lbs | kg) 83x86

Motors : 3
 Voltage : 240V
 Frequency : 50Hz







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## Portable Mobile Dental Unit:

- Portable Chair With Unit and Stool for dental camps
- Portable Chair Specification:-
- Made of high quality Aluminum alloy with is strong and corrosion resistant
- Back adjusts from upright to spine position
- ▲ Ergonomic headrests
- Retractable handle for convenient transportation
- ▲ With LED light, Spittoon & instrument Tray
- ▲ Chair foldable, Portable
- One operator stool
- Mobile unit specification
- Easily transported impact resistant carrying case with pull out handle and wheels
- One Saliva Ejector, one 3 Way Syringe,
- One Air Rotor Point and
- One Air Motor Point
- One Built in Air Compressor
- ▲ Low Volume Evacuation
- Self Contained Water Supply with water reservoir
- Self-contained bags to save more space
- ▲ Foot Switch





## Compressor Units

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## **All Types Of Airotor Air Compressor**

## 2 HP with DURR -Germany



Monobloc Oil-free Medical Grade Airotor Air Compressor 2 HP (Durr, Germany) with radiator cooler, Condensor, Silicon column filter for moisture, dust filter microbial filter fitted on M.S. Tank.

## 1.5 HP with DURR-Germany



Monobloc Oil-free, Medical Grade Airotor Air Compressor 1.5 HP (Durr, Germany) with radiator cooler, Condensor, Silicon column filter for moisture, dust filter microbial filter.fitted on M.S.Tank.

## 1.5 HP



Cleanair-200 Monobloc Oil-free Medical Grade Airotor Air Compressor 1.5 HP Minimum noise fitted on MS tank. with radiator cooler, Condensor, Silicon column filter for moisture, dust filter microbial filter fitted on M.S.Tank.

## 1HP with Filter



Hawa - Monobloc Oilfree, Medical Grade Airotor Air Compressor 1HP Minimum Noise fitted on MS tank.

## 0.75 HP



Hawa - Monobloc Oilfree, Medical Grade Airotor Air Compressor 0.75 HP Minimum Noise fitted on MS tank.

## 0.75HP



Eco - Airotor Air Compressor 0.75HP

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## X-ray Units

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Battery Powered Handheld
Portable Dental X-Ray





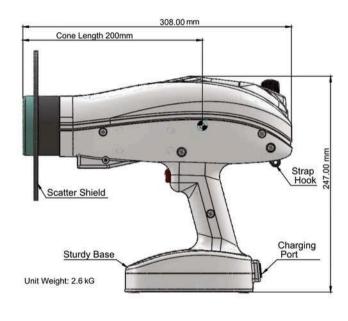






ALERTO Neo portable x-ray comes with improved ergonomics, functions and safety. Double shield technology, lead lined cone with scatter shield and a new exposure algorithm ensure best protection for the user and patient. High quality images are possible due to active dose control and the fine focal point. The convenience of portablity and superior imaging is now available with local sales and support.





SPECI	FICATIONS
Output kV (DC)	60kV / 65kV / 70kV
Tube mA	2.3mA
Exposure Time	0.01s - 1.0s
Focal Spot	0.4mm IEC
Battery	Li-Ion Rechargeable, 2900 <sub>mAh</sub>
Cone Length	200mm, Fixed
Filtration	>1.5mm Al
X-Ray Field	60mm Round
No.of X-Ray per Charge	>200

- □ Advanced Electronics Design
- ☐ Lighter and Smaller Size
- □ Powerful Heavy Duty Battery
- ☐ Sensor, Film, PSP Compatible
- ☐ Active Dose Control
- ☐ Very Low Leakage Radiation
- □ 0.4mm Focal Spot



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## Ez Ray Air Plus

# WORLD'S MOST SAFEST X-RAY UNIT





MORE POWER
New 2500 mAh Battery



MORE SAFE Longer Cone Length



GUN TYPE UNIT

1.8 kg Single Hand Use



EASY POSITIONING For Clear Images



SMART DIAL
Preloaded Functions

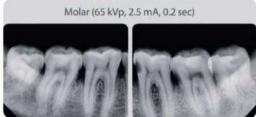


IMPROVED COMPATIBILITY
Wide Exposure Time

## WEIGHT INNOVATION WITH CNT (CARBON NANO TECHNOLOGY)

- · World's First Dental Application of Carbon Nano Technology
- · Lightest Weight Unit Just 1.8kg
- · Easy Single Handling Operations for Stable Positioning
- · Optimal Image Quality.





## **Specifications**

Focal Spot	0.4 mm
Tube Voltage (kV)	65 kV
Tube Current (mA)	2.5 mA
Exposure Time Range	0.05 ~ 1.00 sec
Total Filteration	Min. 1.5mm Al
Source to Skin Distance	200 mm
Maximum Duty Cycle	1:60
Optional Accessories	Back Scatter Shield, Carry Case

INTEGRATED



## CleverDent

### Patient Management Software

- Fast Installation Setup Most Simple Design
- Increased Productivity Faster Patient Consultation
- Enhanced Reputation in Dentistry Get More Referrals
- Easy Access of Data From Any Vatech Imaging Software

## Widest Sales + SVC Network

450 + DIRECT PARTNERS ALL INDIA



Register Your Concern on www.vatechindia.in/direct





Scan to Visit Vatech Direct 123 SVC Page



## **Available Models & Spare Parts**

- Floor Model with Regular / Scissors Arm
- Wall Model with Regular / Scissors Arm
- Chair Mount Model with Reg/Sci. Arm
- Stool Model with Scissors Arm





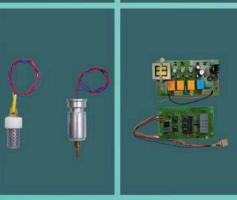
















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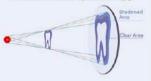
## Get Accurate X-Ray Images Every Time with Sensitive Sensor

USA angle sensor for real-time display of holding angle. Shooting angle can be calibrated as per patient posture. Optimal shooting angle ensures optimum imaging quality.



#### Essence in the Tiniest Details

0.4mm Focus for more focused x-ray release
 Helpa to present clearer high-resolution images
 (Nationals of the difference interest large and analytical resolution)





## Efficient Handling of Different Shooting Situations

70Kv tube voltage for excellent X-ray penetration 2mh tube current for millibecond-level exposure to avoid shadow (Blurred Images caused by unsteady shooting) 140W output power to meet diverse clinical needs



#### Powerful USA "CHIP" Refreshes the Imaging Technique

Advanced chip enables high-frequency close-loop control for stable output
Reduces the impact of low battery on image quality
Delivers a worry-free shooting experience



## Long-lasting Battery for Uninterrupted Performance

2500mAh+35 High-capacity lithium battery 500+ Shots on a full charge 2h Fast full charge



#### Clear Large screen Easy to Use

2.8" HD digital screen Intuitive user Interface Ultra-sensitive buttons Compact and lightweight design for easy one-hand shooting!





## Digital Sensor RVG, OPG, CPCT

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DIGITAL INTRAORAL X-RAY SENSOR











THE ESSENTIAL TOOL

**FOR EVERY DENTIST** 

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## DIGITAL INTRAORAL X-RAY SENSOR

Chip Type	APS CMOS	
Pixel Size	18.5 µm	
Active Area	29.6 X 22.2 (mm)	
Active Pixel Array	1600 X 1200 (pixels)	
Dimension	39 X 28.5 X 6 (H x W x D)	
Digitization	12 / 14 / 16 bit	
Imaging Time	3 ~ 4 s	
Signal Output	USB	
Weight of the product	66 grams	
User Interface	Alerio Mezzo Imaging Software	
Cable length	2 Meter	
Certifications & Standards	ISO 13485	
Protections	IP68 -Water Resistance	

FIBER OPTIC PLATE



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## REDEFINING INTRA ORAL SENSORS



## THE ONLY TRUSTWORTHY BRAND IN MARKET

PROVEN BY 25,000+ HAPPY CUSTOMERS NATIONWIDE

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## vatech india

## **Quality Defining Features**



High Image Quality

With 17lp/mm Resolution Images captured are always Excellent



Cut Corners & Tapered Edges

Lowers the risk of pain, Easy Positioning & Optimal patient comfort



Thin Sensor 4.8

CMOS APS Detector resulting in easy to position in patient's mouth.



#### Water & Dust Resistant

Rated IP68 Protects from water & Resists Dust



Fast & Efficient Workflow

Direct USB Interface allows fast & easy transfer of images



Unique Animated Consultation Videos

Increases Treatment Acceptance Ratio

### With EzSensor Classic

You Get





EzMobile

Fully Immersive Consultation, Anytime



Effective Diagnosis + Consultation

2 in 1 communication with EzDent-i Now it's possible to diagnose and consult at the same time on the same screen.

Always be ready with Consultation Video Benefit of Android Tablet

Mobility Intuitive User Interface Cost Efficiency (compared to PC)

Freedom of Mobility, Image Capturing,

Implant Simulation,

Advantage of **EzDent-i** 

Simple Image Capture Dental-specific Simulation Tools Diverse Patient Consultation Video

\*Compatible with Android tablet and work as a client software with EzDent-i

You also get

## 1 Year Subscription (Worth Rs 9000/-) FREE

Simple, Convenient & Most Secured Practice Management Solution



## Manage APPOINTMENTS



Access Information Even With No Network Connectivity



Fast Installation Setup Most Simple Design



Increased Productivity **Faster Patient Consultation** 



Enhanced Reputation in Dentistry Get More Referrals



## Organize PATIENTS















## **Durable and Reliable**

## 80000+ bending test

i-Sensor is designed to prevent any kind of damages in its everyday use. Based on actual usage and tens of thousands of bending experiments, the product is durable.

Robust CNC shell fusion ultrasonic welding technology brings ultralightweight experience and IP68 protection can be immersed in disinfectant liquid to avoid cross infection.





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## **Thinnest sensor 4.4mm**

With an ergonomically optimized Cut-Corners and 4.4mm thickness, the i-Sensor makes sensor placement easier than ever (plus, the thinner sensor specifically allows for better bitewing radiographs and simplified vertical bitewing acquisition.)





Rounded Corner

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## Easy-to-use software

## Smart and powerful software

i-Sensor provides simple and easy-to-operate software, oneclick smart installation and use, and equipped with powerful image processing functions, so you can significantly and quickly improve the quality of radiographs.





One-click smart installation



User-Defined Image Processing Tools



Free to use and upgrade

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## Sterilization

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- Table top front loading Autoclave. Fully Automatic Micro-controller.
- Highly accurate Semiconductor pressure sensor for 1.2kg.(121 °C) / 2.1kg (134 °C)
- Sterilization Chamber made up of thick stainless steel sheet, tested with high pressure.
- Digital Timer both for wet and dry heat: Wet Timer starts after desired temperature is reached irrespective of load of instruments in Chamber.
- Dry Timer starts automatically after wet cycle is over, resulting in perfect sterilization.
- Silicone Rubber ring-gasket in the door
- Screw Handle for door locking prevents sudden opening of door.
- Auto drain of water and also condensation of steam.
- Auto equaliser of pressure in Chamber for easy opening.
- Finished with heat cured Epoxy powder coating paint.
- Front Panel made of stainless steel.

# N-Class Technical Specification:

Supply Voltage 230V AC Heater Coil 1.5 kW.

Dry Heater with beads 400W Temperature sensor PT100

Pressure Control Semi conductor linear sensor

Chamber Size 250Dia x 440mm depth **Dimensions** 600mm x 400mm x 400mm

Weight 35kg

# **B-Class Specification:**





# **LCD Display**

LCD display function complete, can set up 15 national languages to meet customer needs, with power off after the prompt, machine fault prompt, and fault memory, convenient engineer home maintenance. Automatic atmospheric press detection adjustment, history query, unauthorized disabled etc.

### Super Vacuum Pump

The working efficiency is fast, the limit vacuum is up to -90KPA, and the temperature resistance is up to 90°C.

### Imported Vacuum Pump

Optional, Japan imported mute Vacuum Pump, light sound, circulating vacuum Principle, small Volume, fast working efficiency, stable.





In accordance with the regulation of the State Drug Administration, Print disinfection data function, reflect date, time, operation data(like working time, pressure, temperature etc.)



### **Over-current Circuit Breaker**

Current unstate equipment



### **Innovative Steam Generator**

The new steam generator concept combine with optimized program to solve the old steam generator optimized program to solve the did steam generator blocking, seal aging and leakage problem. The resulting steam safe and reliable. Meantime the use of steam heating water tank, let the outlet water temperature increase to 45degrees or above. To speed up the sterilization time. (steam generator without cleaning all service life. German technology, Domestic leading)



# **N-Class Technical Specification:**

230V AC Supply Voltage Heater Coil : 1.5 kW. : 400W Dry Heater with beads Temperature sensor : PT100

 Pressure Control : Semi conductor linear sensor Chamber Size : 250Dia x 440mm depth Dimensions : 600mm x 400mm x 400mm

Weight : 35kg

- Table top front loading Autoclave. Fully Automatic Micro-controller.
- Highly accurate Semiconductor pressure sensor for 1.2kg.(121 °C) / 2.1kg (134 °C)
- Sterilization Chamber made up of thick stainless steel sheet, tested with high pressure.
- Digital Timer both for wet and dry heat: Wet Timer starts after desired temperature is reached irrespective of load of instruments in Chamber.
- Dry Timer starts automatically after wet cycle is over, resulting in perfect sterilization.
- Silicone Rubber ring-gasket in the door
- Screw Handle for door locking prevents sudden opening of door.
- Auto drain of water and also condensation of steam.
- Auto equaliser of pressure in Chamber for easy opening.
- Finished with heat cured Epoxy powder coating paint.
- Front Panel made of stainless steel.













### German Ebro



# **LCD** Display

# **Over-current Circuit Breaker**



### Super Vacuum Pump



### Imported Vacuum Pump





### Innovative Steam Generator





### European B Class Autoclave

# AUTOCLAVE)

### FENG 23L TOUCH SCREEN AUTOCLAVE

Redefining The Sterilization Excellence

- + B type fully automatic front-loading autoclave powered by triple vacuum cycle
- + Temperature Selection 121° C / 134° C/ B+
- + Double door lock system for safety
- + 5 Programs for sterilization of all types of instruments Solid/Hollow, Porous/Non-Porous etc.
- + Built-in water quality sensor
- + Bow and Dick test qualified
- + Touch screen contorl panel
- + Big open tank, easy to clean
- + Data storage facility with USB functioning (2000 cycles)
- + Steam generator cleaning program to increase the efficiency of the autoclave
- + Chamber size: 250 mm x 450 mm
- + 9 nos. error codes for self diagnosis
- + Inbuilt USB & printer port with micro printer (optional)
- + Product Size: 594X468X453mm
- Net Weight: 50KgVoltage: 230 V 50/60Hz
- + Power: 1800W
- + Confact Now P91 9843752220 / 9655317661
- + One cycle water consumption: 600ml



Website: www.smartdent.in

### Work Mode Chart

Cycle Mode	Ster. Temp (degree)	Ster. Press (Kpa)	Ster. Time (Min)	Drying Time (Min)	Complete Time (min)
Unwrapped Cycle	134	210	4	10	35
Universal B Cycle	134	210	6	15	50
Rubber & Plastic unwrapped cycle	121	110	16	10	45
Rubber & Plastic wrapped cycle	121	110	20	15	60
18 min B cycle (Prion)	134	210	18	15	60
Ster. Result Testing Cycle (B&D Test)	ā		縣	(5)	30
Vaccum Leackage Testing Cycle	<i>i</i> a	2	100		20

### 23 Ltr Touch Screen B-Type front loading Fully automatic with USB RECORDER



**USB Record Read** 



Six Layer Pot Body Structure



Heat Dissipation Structure



Double Door Lock Protection

# **UV Cabinets** for Instruments





# CABINET





# CABINET







# Other Dental Equipments

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# **Cabinets**



Cabinet with Top Glass



Cabinet Top SS with Locker



Cabinet with ABS



Cabinet Top SS with MS Body



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# **Trolley**



Instrument Trolley



# **Wheel Mount Trolley**





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# Consident

# **DENTAL OPERATOR'S STOOLS**

COMFORT



SURGICAL



**EURO MOULDED** 



### **DENTAL LOUPES**

### CH250-RBPSL+YHL-ANRL HEADLIGHT(110V)



Packaging : 1 Kit : Frame Battery Adapter Screw Driver LED light Cleaning Cloth

Order Code: 250RBPSL

### CH350-RBPSL+YHL-ANRL HEADLIGHT (110V)



Packaging: 1 Kit: Frame Battery Adapter Screw Driver LED light Cleaning Cloth

Order Code: 350RBPSL

# DENTAL WATER DISTILLER PLANT



### **DESCRIPTION:**

The basic principle behind making distilled water is to boil water into steam, then to cool it to collect the pure water from the vapour. The main advantage of distilled water is that it is 100% boiled, sterilized, clean, safe, and environmentally friendly.

### CHARACTERISTICS:

- Zinc coated steel round shaped shell
- Whitetop
- Stainless steel lower cover

### FEATURES:

- A variety of safety certifications that are recognizable internationally, which guarantees our product safety.
- We have exported 98% of our products outside of Taiwan for over 20 years; therefore, our reputation is guaranteed.
- We are professional manufacturers. We provide excellent product quality, and efficient aftersales service that allow our consumers to use our products safely.
- . All our materials adhere strictly to the RoHS standard.
- No installation required, does not take a lot of space, and easy to operate.
- Easy to maintain and easy to clean.

Code: WDP

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# CONFIDENT HIGH VACUUM SUCTION

# **Functions:**

- High Vac mobile Suction is designed for individual chair.
- Motorised Suction using most powerful Suction Motor.
- Fully automatic with auto drain and auto flush.
- The unit is mobile by smooth castors.
- High and Low Suction works on same motor.
- The motor starts as soon as you take out trip from the holder.





# **Extraordinary compatibility**

Its wide torque and speed range makes it compatible with various file systems on the market such as FKG XP-endo Shaper (recommended speed: 800-1000rpm) and Dentsply Protaper Gold (recommended maximum torque: 5N.cm).

Torque: 0.6-5N.cm

Speed: 100-1000rpm

# **Built-in various file systems**

Built-in file systems include all mainstream file systems, making treatment more convenient.

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# E-COM

# Effectively prevent file breakage

Real-time dynamic torque display and torque control help realizing automatic reverse, effectively avoid instrument separation.

# Wireless handpiece

Eliminate the constraint of tail cord, enabling flexible use and easy storage.

Ergonomic design brings comfortable handling.

### Clear OLED screen

Free from limit of viewing angle. Display clearly even under strong light.

See speed, torque, and battery level at a glance.

### Customization

Continuous motion, reciprocating motion, and reverse motion are for options.

It can store 9 user-defined modes.

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# New model TCS-TS2 is launching!



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Tokyo Giken, built up high trust from 50 year history as a leading dental suction manufacturer, has designed new model of suction device with automatic drain function by centrifuge separator.

Compact but high performance makes it possible to deal

unit or in the treatment room.

Also, since PBT polyester has an excellent durability from UV, it could be placed outside.

Maximum flow rate of drainage is 18.8L/min by automatic drain separator.



# Advanced technology in the compact body



Collect the contaminants of 0.3um or more at the efficiency of over 99.97%

Power source	Single phase 220-240VAC	
Power current	5.9A	
Power output (rated motor)	0.7kW	
Frequency	50Hz/60Hz	
Air flow rate and pressure (at maximum of suction pressure volume)	16.0kPa at 0.3m3/min	
Performance Variability (Closing operation suction pressure)	0kPa ~ 20kPa	
Size W×D×H (excluding hoses and wires)	385mm×330mm×445mm	
Weight	21.1kg	
Maximum use	1port	
Product Code	W047	
Product Code	W047	

\*Testing conition is 20°C, \*Specifications are subject to change without prior notice.

# Tokyo Giken, Inc. is No.1 market share of dental suction device in Japan

Tokyo Giken, established in 1968, is a leading manufacturer of dental suction and device related to machinery room. In addition to the head office in Tokyo and Factory in Yokohama, we have four sales offices to distribute throughout Japan

- ★ Dental clinics in Japan Device related to machinery room Market share No.1
- ★All dental University in Japan Installation record 29 Schools
- ★ Certificated by ISO9001 and ISO13485 MADE IN JAPAN of manufacturing
- ★Number of external oral suctionsold in Japan. +50,000 arms!!

For the overseas activities, there are many achievements such as university hospitals and ODA projects.

# Impressive performance wet and dry

# DÜRR DENTAL has the right suction solution for every practice.

When it comes to remodelling or modernizing a dental practice, the V and VS suction systems can be used even in difficult installation conditions.

# Wet VS suction systems. Powerful and cost-effective.

VS stands for the combination of vacuum generation and separation. All of the suction and separation tasks in the practice are centrally combined in a VS suction unit on a single drive shaft. As a result, there is no need for additional automatic separators on the various treatment units and the operating costs are lower than with traditional systems such as water ring pumps. DÜRR DENTAL VS suction systems can extract large quantities of liquids processed by up to four therapists at the same time without interruption. Thanks to the integrated two-stage separation system, the aspiration of secretions and blood foam into the turbine space is reliably prevented.





### This is what counts:

- Corrosion protection for housing parts and impellers
- High-quality, robust drive motors
- Reliable function in continuous operation
- Highly cost-effective with minimal space requirements
- High suction power within seconds
- Automatic removal of deposits



VS 300 S\* Number of practice treatment chairs: 1-2

Number of therapists working at the same time: 1



Number of practice treatment chairs: 2-3
Number of therapists working

at the same time: 2



VS 900 S\*

Number of practice treatment chairs: 3-5 Number of therapists working at the same time: 3



S 1200 S\*

Number of practice treatment chairs: 4-6 Number of therapists working at the same time: 4



"WE ARE THE ONLY DISTRIBUTOR FOR COMPLETE RANGE OF GENUINE NSK PRODUCTS"

NSK Original Cartridges and Spares available in Confident

Upgrade to **Premium Oil Spray** to keep your NSK products hygiene and disinfect

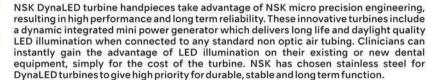
500ml Spray Bottle **Order Code:** 134301

✓ INSIST ON WARRANTY CARD, ALL NSK PRODUCTS COMES WITH MINIMUM SIXTH WARRANTY





Self Illuminating LED



**(C)** 

PREMIUM-X



Miniature MODEL M500LG M4 ORDER CODE P1105 · Midwest 4 hole



Miniature MODEL M500LG B2 ORDERCODE P1107



Standard MODEL M600LG M4 ORDER CODE P1104 · Midwest 4 hole



Standard MODEL M600LG B2 ORDER CODE P1106

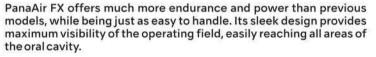




# PanaAir FX

**Technological Superiority Unrivaled Reliability** 

CERTIFICAR



### 30% Power Boost

PanaAir FX is dramatically more powerful than its predecessors thanks to the combination of NSK's air turbine simulation technologies. Rated at a maximum of 20 watts, this new model boasts the highest power rating in its class. That concentrated power, along with the bur's high rotational accuracy, creates a synergistic effect that ensures fast, precise treatments.



Standard MODEL PAF-S B2

ORDER CODE T1070



Borden 2 hole



Borden 2 hole



Push Button Type

NSK Original Cartridges and Spares available in Confident

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# **FX** series

A New Leaend Beains



MODEL FX22 ORDER CODE C1129

1:1 Direct Drive . For CA burs (ø2.35)

· Latch type · Max Speed: 30,000 min-1



MODEL FX25 ORDER CODE C1052002

1:1 Direct Drive . For CA burs (ø2.35)

· Push Button Chuck · Clean Head System Ball Bearing • Max Speed: 40,000 min-1



MODEL FX23 ORDER CODE C1056002

1:1 Direct Drive . For CA burs (ø2.35) · ABustton Chuckhuttax Operectores 2000,000 min-



MODEL FX65 ORDER CODE H1014002

1:1 Direct Drive . For HP burs (ø2.35)

• Clean Head System • Max Speed: 40,000 min-1



and Superb Grip





Straight Handpiece



Optic MODEL M95L ORDER CODE C1023

1:5 Increasing · Quattro Spray · For FG burs (ø1.6) · Ceramic Bearings · Anti Heat System Max Speed: 200,000 min<sup>-1</sup>

Optic MODEL M25L ORDER CODE C1024

1:1 Direct Drive · Single Spray · For CA burs (ø2.35) Max Speed: 40,000 min-1

Non-Optic MODEL M65 ORDER CODE H1008

1:1 Direct Drive · Single Spray · For HP burs (ø2.35) For CA burs (ø2.35)\* Max Speed: 40,000 min-1 \* Need to insert the supplied bur stopper



• Titanium Body with Scratch Resistant DURAGRIP

· Stainless Steel Body · Cellular Glass Optics

• Cellular Glass Optics • Clean Head System (Exclude Z24L)

• Push Button Chuck • Microfilter







jet (water only) and water spray (water and air mist) in an instant.

MODEL Z95L ORDER CODE C1034

1:5 Increasing • Exceptional Durability • Quattro Spray • For FG burs (ø1.6) • Ceramic Bearings • DLC Coating Anti Heat System
 Max Speed: 200,000 min-1

MODEL Z45L ORDER CODE C1064

1:4.2 Increasing . For FG burs (Ø1.6) Max Speed: 168,000 min<sup>-1</sup>

NSK Original Cartridges and Spares available in Confident

NSK Ti-Max Z45L

1:4.2 SW

# Bee Cool LED

LED is composed mainly of main unit, optical fiber light hood high power LED light cure unit.

- A) Sealed, connect to dental unit.
- B) Time setting: 10s, 20s, 30s.
- C) Working mode: Full.
  - · According to the classification of power supply
  - Connect to dental unit —24V
  - Power input: —24V 50Hz/60Hz 0.4A Max
  - Light source
  - 3W high power blue LED light Wave length: 420nm-480nm
  - Light intensity: 1000mW/cm2-1200mW/cm2
  - Inspection method: If the LED light shines when operate correctly, it's in good condition.
  - Clinical commonly used resin can match with the wavelength, such as 3M, Dentsply etc.
  - Radiation during 400nm-515nm(blue light): 250mW/cm2
  - Optical active area: 50mm2

### Working condition:

- Environment temperature: 5°C to 40°C
- Relative humidity: 30%-75%
- Atmosphere pressure: 70kPa to 106kPa
- Dimensions: 248mmx26mmx26.5mm
- Net weight: 127g



# Bee Cool LED cordless



### **ULTRASONIC SCALER**

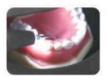
# Detachable handpiece with light

Shell of the handpiece is made of special imported plastic from America.

Without cracking or deformation under the pressure.

Detachable handpiece with light, better visibility.

Note: This type can match with handpiece without light.





LED with light effect

Without light effect

UDS-N2 LED (Detachable handpiece HW-5L)
UDS-N2 (Detachable handpiece HW-3H)



EQUIPMENTS: ALPRO- WASHING MACHINE & BG LIGHT-LIGHT CURE

# ALPRO TREATMENT SYSTEM

**Automatic Instrument Processing** 

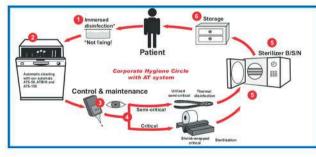




Replenishment Display for decalcification device at internet space fill level of clean rising agent in the door or the device Multiple water proofing with aquastop program flow and balance time display.

The hygiene cycle with the AT-System in consideration of the recommendations/guidelines of RKI- UVV/BG - BZAK - DAHZ - DGSV





Small - ATS - 110 Product Code : ATS110

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Product Code: ATS150



# We do all Dental Handpieces & Equipment Services













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# we upgrade your all dental chairs & Equipments to new version in best quality & Best Price

# **Before**



After



**Before** 



After



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# **We Deal with Brands**



















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# **Our Works**



















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