



# ELBADR co.

*Technology creates happiness*



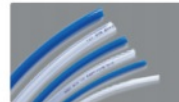
## Category Bnew

### Standard Accessories Plus:

- Side cabinet can move laterally 45°
- 10-functional metal foot control
- High-grade LED light 4-Bulb
- Detachable 90° glass spittoon
- Big assistant tray with long arm
- 24V DC Timotion® chair motor
- Anti-Retraction valve
- Dentist stool A

### STANDARD ACCESSORIES:

Rotatable modules holder with 4-Tubes  
One-way valve (Anti-Backflow function)  
Strong suction and Saliva ejector tubes  
Detachable 90° movable glass spittoon  
Spitton cabinet can move laterally 45°  
Protective MAT of instrument tray  
Adjustable High-Grade LED light  
High-grade articulated headrest  
Import electromagnetism valve  
Control box with main switch  
3-way syringe (Cold/hot water)  
Button protective plastic cover  
24V DC Timotion® chair motor  
Movable LED xray-film viewer  
10 - function foot controller  
Cup holder, Glass Plate  
Anti rust body



USA Imported Tubes



New LED lamp Arm



Stool A

### Specification:

Power Voltage : 220V-50HZ  
Motor Voltage : 24V  
Air Pressure : 0.5MPa-0.8MPa  
Water Pressure : 0.2MPa-0.4MPa

INNOVATION & PRACTICAL

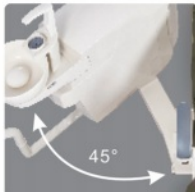
## Category Fnew

### Standard Accessories Plus:

- Turnable High-grade LED operating light 4-Bulb
- Detachable 90° movable ceramic spittoon
- Side cabinet can move laterally 45°
- 24V DC Timotion® chair motor
- Wide design of bracket Table
- Anti-Retraction valve
- 3-Position memories
- Dentist stool A
- Tissue box



Side injection Box



Movable side cabinet



One way valve



Aluminum injection mould



Available  
**LEFT  
HAND**

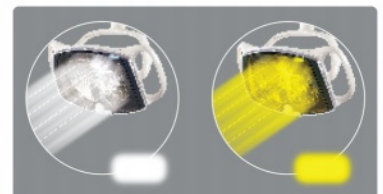
## Category B Plus

### Standard Accessories Plus:

- High quality 10-functional metal foot control
- Detachable 90° movable ceramic spittoon
- White and yellow LED operating light
- Side cabinet can move laterally 45°
- Urgency safety switch ON/OFF
- 24V DC Timotion® chair motor
- New design with metal back
- Anti-Retraction valve
- Built-inTissue Box
- Dentist stool E



Multi-Functional Foot Pedal



White and Yellow Light LED lamp





Available  
**LEFT  
HAND**

Big water bottle

**Category F Plus****Standard Accessories Plus:**

- High quality 10-functional metal foot control
- Detachable 90° movable ceramic spittoon
- White and yellow LED operating light
- Side cabinet can move laterally 45°
- Urgency safety switch ON/OFF
- 24V DC Timotion® chair motor
- Wide design of bracket Table
- Anti-Retraction valve
- 3-Position memories
- Dentist stool E
- Tissue box



Stool E

**Category D Plus****Standard Accessories Plus:**

- High quality 10-functional metal foot control
- Detachable 90° movable ceramic spittoon
- White and yellow LED operating light
- Side cabinet can move laterally 45°
- Urgency safety switch ON/OFF
- 24V DC Timotion® chair motor
- Wide design of bracket Table
- Anti-Retraction valve
- 3-Position memories
- Built-in Tissue Box
- Dentist stool E



Touch button operation panel



Urgency safety switch



QUALITY &amp; STYLISH

**Category A****Standard Accessories Plus:**

- Luxury curved bracket arms with plastic covers
- High quality 10-functional metal foot control
- Detachable 90° movable ceramic spittoon
- White and yellow LED operating light
- Side cabinet can move laterally 45°
- Urgency safety switch ON/OFF
- 24V DC Timotion® chair motor
- Wide design of bracket Table
- Anti-Retraction valve
- 3-Position memories
- Built-in Tissue Box
- Dentist stool E



Gray color with luxury arms



2 separate water bottles



Luxury ceramic spittoon



DREAM COME TRUE



OPTIONAL  
Top Mounted

## Category Anew

### Standard Accessories Plus:

- Luxury curved bracket arms with plastic covers
- High quality 10-functional metal foot control
- Detachable 90° movable ceramic spitton
- Turnable high-grade LED operating light
- Luxury micro-fiber environment leather
- Side cabinet can move laterally 45°
- Control system with 9 memories
- Urgency safety switch ON/OFF
- 24V DC Timotion® chair motor
- Working status LCD display
- Luxrury metal back design
- 2-Dentist Stools A&E
- Anti-Retraction valve
- Built-in tissue box



Stool A



Stool E

## Category Q1

### Standard Accessories Plus:

- Side cabinet can move 180° to support Left and Right hand dentists
- Independent movable instrument tray with Working status LCD display
- 24V DC Timotion® chair motor, control system with 9 memories
- Turnable high-grade LED Operating light 4-bulb
- High quality 10-functional metal foot control
- Detachable 90° movable ceramic spitton
- Luxury micro-fiber environment leather
- Build in floor box with main switch
- Urgency safety switch ON/OFF
- Panoramic LED X-film viewer
- Luxrury metal back design
- Dentist Stool 2Pcs A&E
- 2-water storage bottles
- Anti-Retraction valve
- Built-in LCD holder



180°

### PU Leather Colours



### Natural Leather Colours





## Category Q2

### Standard Accessories Plus:

- Detachable 90° movable ceramic spittoon
- High quality 10-functional metal foot control
- Turnable high-grade LED Operating light 4-bulb
- Luxury micro-fiber environment leather
- Side cabinet can move laterally 45°
- Control system with 9 memories
- Urgency safety switch ON/OFF
- 24V DC Timotion® chair motor
- Panoramic LED X-film viewer
- Pairs of water storage bottles
- Working status LCD display
- Luxrury metal back design
- Dentist Stool 2Pcs A&E
- Anti-Retraction valve
- Built-in LCD holder

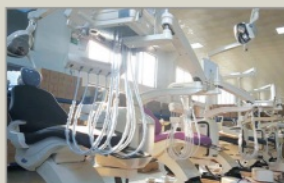


HIGH END RICH

## Category Q5

### Standard Accessories Plus:

- Detachable 90° movable ceramic spittoon
- High quality 10-functional metal foot control
- Luxry 8-LED operating light (white/yellow)
- Luxury micro-fiber environment leather
- Control system with 9 memories
- Urgency safety switch ON/OFF
- 24V DC Timotion® chair motor
- Dentist Stool 2Pcs A&E
- Anti-Retraction valve
- Built-in LCD holder





## Category Q8

LUXURY MEDICAL TREATMENT YUE TO ENJOY QUALITY LIFE

### ENCOUNTER LIGHT

#### Standard Accessories Plus:

- Detachable 90° movable ceramic spittoon
- High quality 10-functional metal foot control
- Luxry floor-type design for side cabinet
- Luxry 8 LED Operating light white/yellow
- Luxry micro-fiber environment leather
- Control system with 9 memories
- Standard downmounted tubes
- Optional Top-mounted tubes
- Dentist Stool 2Pcs A&E
- Built-in LCD holder

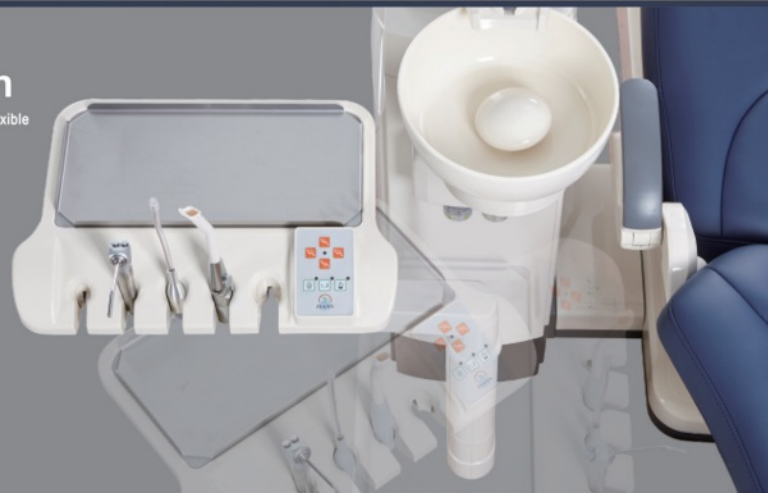


#### Efficient Four Hand Operation

Big assistant tray (with stainless steel tray), flexible rotation, assistant has a wide operating space.



#### Philips LED light source



**Low-mounted instrument tray (Optional)**  
Stainless steel tray with anti-skid silicone pad design, stainless steel tray is more convenient to clean after surgery.



**Side box**  
Floor type box can make the chair run more smoothly, more flexible to meet the needs of different heights of treatment positions, with three joint assistant rod to meet the use habits of different working positions, assistant positions.



**Purified water system**  
Big hidden water bottle, clean, sanitary, quick disassembly shell is convenient to fill pure water.





UOKI  
U-1

**Features:**

- LED operating light with cartoon design
- Smile fish doctor tray with air lock
- Heat water system for gargle
- Panoramic X-Film viewer
- Multifunction foot control
- One click master switch
- Cartoon movie tablet PC
- Build-Out junction box
- 2-Pcs of dentist stool



**Features:**

- LED operating light with elephant trunk design
- Smile fish doctor trolley tray (adjustable height)
- Smile cat guard with turnable head
- Cat belly music & gift drawer box
- Heat water system for gargle
- Panoramic X-Film viewer
- Multifunction foot control
- One click master switch
- Cartoon movie tablet PC
- 2-Pcs of dentist stool
- Adjustable head rest



UOKI  
U-2

HUMANIZATION



UOKI  
U-4

**Features:**

- LED operating light with elephant trunk design
- Smile fish doctor trolley tray (adjustable height)
- Smile cat guard with turnable head
- Cat belly music & gift drawer box
- Dinosaur chair with stretch tail
- Heat water system for gargle
- Panoramic X-Film viewer
- Multifunction foot control
- One click master switch
- Cartoon movie tablet PC
- 2-Pcs of dentist stool
- Adjustable head rest





## i Mate3 Cordless Endo Motor

- ▶ Brushless motor, stable RPM, Higher torque
- ▶ 9-Programs can be set - CW, CCW, REC, AOC
- ▶ Detachable 6:1 - 360° rotatable handpiece
- ▶ AOC mode -Auto Oscillation Control
- ▶ Auto reverse and reciprocating mode
- ▶ 2000 mAh Li-ion Battery
- ▶ Type C fast charging
- ▶ L&R Dominant hand shift
- ▶ Ultra light weight 118g
- ▶ Integrated OLED panel
- ▶ Original German motor
- ▶ Speed Range: 100 : 1000rpm
- ▶ Torque range: 0.2-5.0 n/cm
- ▶ Reciprocate angle: 30-370°

### Ai-Mate 2in1 Intelligent endomotor with Built-in Apex locator

- ▶ Built-in Apexlocator Functions
- ▶ ACC- Adaptive Cruise Control  
No parameters need to be set by users
- ▶ Auto Start/Stop Functions



**360° mini head**  
6:1 with slim neck

**Brushless motor**  
stable rpm, higher torque

**9-Programs can be set**  
CW, CCW, REC, AOC

**Speed 100-1000 rpm**  
Torque 0.2-5.0 N/cm

**L&R Dominant hand shift**  
Ultra light weight 118g

**2000 mAh Battery capacity**  
Type C fast charging



## FreePEX Innovation algorithm and stable performance

- ▶ The 6<sup>th</sup> generation Multi-frequency Technology
- ▶ Real time response and stable operation
- ▶ Equip with self calibrator adapter
- ▶ 4.9 inch screen give clear image
- ▶ Higher accuracy 98.4%
- ▶ Powerful Battery: 800mAh
- ▶ Foldable Ergonomic design



### DY400-4 LED Curing Light

High Output: Curing 3.5mm resin within 10 seconds  
3 Curing Programs: Full/Ramp/Ramp to half power  
Eye-protection cover tip--autoclave 135°C  
Build-in light meter on charging base  
Durable 450-470nm Wave Length  
Powerful Battery: 1200mAh



### Apex Locator iFinder

The 6<sup>th</sup> generation Multi-frequency technology  
Real time response and stable operation  
Higher accuracy 98.4%  
Equip with self calibrator adapter  
4.3 inch touch screen with real-time graphic  
Image save with Micro-SD memory card



**iUe 1**  
Ultrasonic activator

### Electric Pulp Tester

DY310

Preset speed mode  
Convenient to operate  
Standard 9-Volt batteries  
Auto-shutdown after no use





## FREE FILL WVC Obturation System

- ▶ Injection needle can be rotated 360° to facilitate filling at different tooth positions
- ▶ 0.9 inch O-LED panel instead of nixie tube to avoid number display missing.
- ▶ Fast-Heating, only 23 seconds to 220°C using Gun, 3 seconds using Pen.
- ▶ 360° Heating on/off switch button, Fast heating and high efficiency.
- ▶ Cartridge design reducing the leakage of gutta percha.
- ▶ Cordless use make operation easier and more convenient
- ▶ Battery level and working status displayed on the panel
- ▶ Self-Cleaning mode and ECO Power saving mode
- ▶ Forwarding gutta percha with trigger is very easy
- ▶ Power off in 5 minutes when no operation.



## AIKE Dental Low-voltage Electric Motor Preparation & Endodontics

**High Speed Low Speed Endodontics**

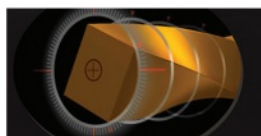
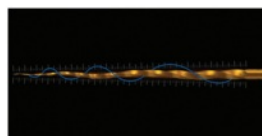
- ▶ Many functions via different handpieces: Preparation, restoration, polishing and endodontics
- ▶ Can be activated on-load with FOC control system preventing file stuck
- ▶ First machine able to cut-off air and water channel independently
- ▶ Brushless micromotor for long life and speed stability
- ▶ Intelligent color touch screen with resolution 480x800
- ▶ LED source with adjustable brightness up to 25000lx
- ▶ Reciprocating mode with accurate adjustable angles
- ▶ Ultra wide speed range 100 : 200,000rpm
- ▶ Torque control range 0.6 : 6.0 Ncm
- ▶ Available handpieces: 1:5 - 1:1 - 4:1



## Free File SnakeLike NiTi File System



SnakeLike NiTi file system with off-centred rectangular cross section touching the root canal wall with 2-points which reduces direct contact Preventing the file from locking and reduce the risk of file-broken apply to minimally invasive therapy, tiny, S-shaped curved root canal



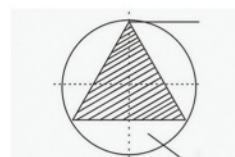
**SnakeLike swaggering motion**  
It make root canal more safe

**Off-centred cross section**  
Have more space to remove debris

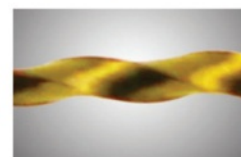
Technical Parameters	Shaping					Optional
Model	15/10	17/02	17/04	23/04	30/04	35/04
	Flaring file	Path file	FF1	FF2	FF3	FF4
Taper	.10	.02	.04	.04	.04	.04
Diameter	15	17	17	23	30	35
Length	16mm	21/25/28/31mm				
Recommended parameters, speed: 300 rpm, torque: 2.2 N·cm						



## i3 Gold NiTi File System



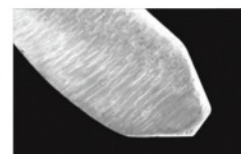
Triangle-shaped cross section



CM-Wire, Heat treated



Wise taper change design



Rounded non-Cutting tip

Model	Flaring File	04.20	06.20	06.25
Taper	10	04	06	06
Diameter	0.2mm	0.2mm	0.2mm	0.25mm
Length	16mm	21/25mm	21/25mm	21/25mm
Torque	3.0N.cm	1.6N.cm	1.6N.cm	1.6N.cm
Speed	350rpm	350rpm	350rpm	350rpm

Single Packaging:

20.10	20.04	25.04	30.04	35.04
40.10	50.10	60.04	20.06	25.06





## i Cure LED Curing Light

Colorful Bionic handle design  
Three working model: Full power, Ramping, Pulse  
Working with Lithium ion battery 1500Mah  
Automatic shut down after 60 seconds  
Wave length 420~480nm Optical power: 850~1400mW/cm<sup>2</sup>



**Ortho Mode**  
2500 mW/cm<sup>2</sup>  
1S or 3S



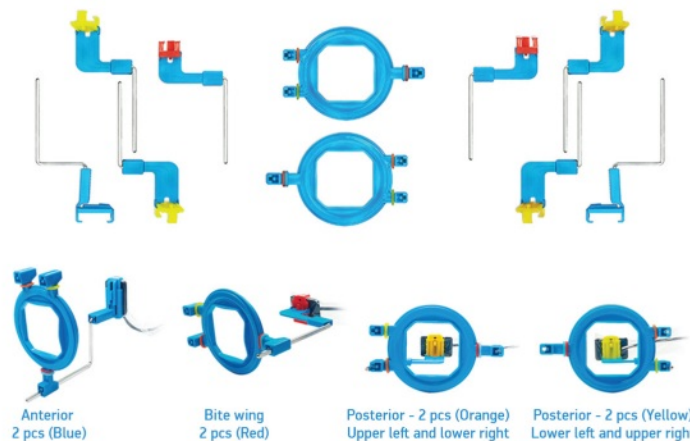
**Normal Mode**  
1600 mW/cm<sup>2</sup>  
5 : 20 Sec.



## i Cure 1S LED Curing Light

10W imported 4 in 1 chips from USA  
360° Rotatable aluminum tip for better accessibility  
Super Strong Light Curing Mode: 2500mW/cm<sup>2</sup> - 1s, 3s  
Normal Curing Mode: 1600mW/cm<sup>2</sup> - 5s, 10s, 15s, 20s  
Wide range of wavelength: 385-520nm

## X-RAY SENSOR POSITIONING SYSTEM 8 pcs + 2 Aiming Ring



## iCure LED Curing Light

Model name: DY400-7

For 1s fast curing, normal curing, orthodontics, bleaching, examination and disinfection

360° Rotatable tip, easily reach any tooth position

Convex mirror design, improve the uniformity of light source and utilization rate of light

Wide spectrum curing, it's range is 385 - 515nm suitable for most resin curing

Light Intensity 600~3000mw/cm<sup>2</sup>

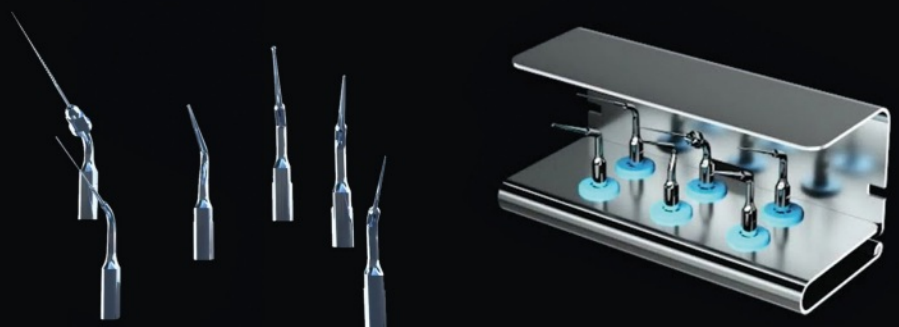
**DTE** **WOODPECKER**

## Dr. Talal's Endo Kit

Endodontic Ultrasonic Tips

By Dr. Talal Al-Nahlawi

*Talal*

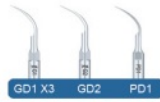






### D3 LED

- Optical, Autoclavable, Detachable handpiece more convenient for clinical use
- Vibration frequency 28 KHZ  $\pm 3\%$
- Automatic frequency tracking ensure the machine always work on best frequency
- Scaling, Perio functions with digital control



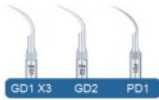
### D5 LED (Scaling, Perio, Endo)

- Optical, Autoclavable, Detachable handpiece
- Scaling, perio, endo functions
- Original goldet tips

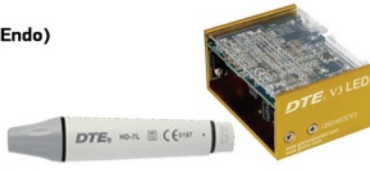
Power input 220-240V/50Hz/60Hz 150mA  
Main unit input 24V/50Hz/60Hz 1.3A  
Out put power 3W~20W  
Frequency 28KHz  $\pm 3$ KHz  
Water pressure 0.01MPa to 0.5MPa



### V2 LED Built-in (Scaling, Perio)



### V3 LED Built-in (Scaling, Perio, Endo)



### D600 LED Endo Expert

- Intelligent ultra-sensitive touching system
- Metal, Optical autoclavable handpiece
- Scaling, perio, endo functions
- Built-in Tank & Pump water
- Special Endodontic Tips
- Water proof Design



## i-Sensor

Thinner | Clearer | Smarter

### Features:

- The Thinnest Sensor 4.5 mm
- Effective area: 20\*30mm(H1)/26\*36mm(H2)
- Size: 38.5\*25\*4.5mm(H1)/40.0\*31.0\*4.5mm(H2)
- High definition up to 2.2million pixels
- Durable more than +80000 bending Test
- IP68 Rating (waterproof and dustproof)
- High Resolution 25 lp/mm
- Rounded Corner



Durable and reliable  
+80000 bending Test



Excellent waterproof performance  
IP68 Rating - easy to disinfect



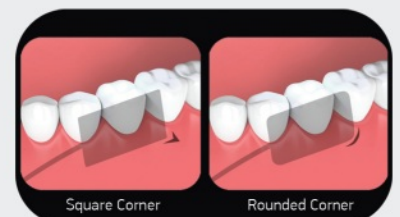
APS CMOS Technology  
25lp/mm theoretical resolution



4.5mm Thinnest sensor  
Allowing easier placement in the mouth



Complete imaging process within 3s  
Efficient diagnosis and treatment



Ergonomically optimized Cut Corners  
bringing high patient occlusal comfort



**Sun Up**  
**Dental X-ray unit**

Use the international advanced technology  
low leak radial, it is only 1% of national standard  
Easy operation and save space  
Remote control, Hand control  
Exposure time: 0.1-4sec  
Tube voltage: 60KV  
Tube current: 8mA  
Focus size: 0.8mm



**CRYSTAL**  
**Dental X-ray unit**

Horizontal focus, clearest  
Image acquired easily  
Remote control, Hand control  
Streamlined shape for more comfort and longer life  
Focus: 0.8 mm - 70 KV AC  $\pm 10\%$ , 7mA  $\pm 15\%$



**CRYSTAL** | HIGH FREQUENCY  
**Portable DC** Dental X-RAY

**SPECIFICATIONS**

- ▶ High definition image at low dose emission
- ▶ Ergonomic design - Ultra Lightweight, only 1.5 kg
- ▶ Up to 500 shots with a single charge.
- ▶ Intelligent digital display
- ▶ Tooth selection and occlusal mode
- ▶ Tube voltage: 60kV Frequency: 80kHz
- ▶ Exposure time: 0.1-2.0 seconds
- ▶ Focus: 0,4mm. Tube current: 2,5mA
- ▶ Inherent filtration – 0.75mmAl
- ▶ Power: 80 W

**Zafdent Oil Free Air Compressor**



**Zafdent 3.45HP**

90L - 2520w  
3.45HP - 315L/min



**Zafdent 2.30HP**

60L - 1680w  
2.30HP - 210L/min



**Zafdent**

32L - 840w  
1.15HP - 105L/min

**Features:**  
Oil Free with Air cooling System  
Power: 840W(1.15HP) For 1Head  
Tank thickness: 6mm internal painting  
Air Displacement: 105 L/Min





Sole Agent

## Autoclave **CRYSTAL** class B

**18/23 Litres**

- Complies with all European sterilization standards and meets the requirements of European Class-B , ISO 9001 and ISO 13485 certified
- Computerized LCD display, with **12**-Sterilization programs
- Built-in Printer "The results are printed on the roll of paper"
- The sterilization registers are stored in the internal memory of the own autoclave and it also can be saved USB devices
- Optimum performance, increased heating system efficiency that reduces the time of the sterilization cycle by 20%
- Two temperature sensors are installed in different areas of the enclosure to ensure correct diagnosis of sterilization parameters
- **WQS** - water quality sensor, that protects the steam generator and prolongs the autoclave usage time; in the case of inappropriate water quality
- Vacuum pump with vacuum capacity up to -0.90Bar. It has low noise and double-head that ensures the balance during the work of stable vacuum in the chamber
- It contains 3 sterilization trays and a spare gasket for the door
- The sterilization chamber is made of high-grade stainless steel

Rated power: 1500-1700W

Voltage : 220V~240V

Frequency : 50-60Hz



Vacuum pump



Built-in printer



LCD Display  
12-Programs



Distilled water  
input pump



Water Quality  
sensor

Outside Size	
18L	47x40x56 cm
23L	47x40x68 cm



**BaiGreen**

### Water distiller

St.St. Boiling polidhing chamber  
Thickness 1.3mm  
St.St. Fan and condensing coils  
4-liters bottle, Out-put 1L / hour  
Over-temperature safety  
Output Power : 750W



**BaiGreen**

### Ultrasonic cleaner 3L 6L

5-Cycles, Digital timer, Touch screen  
Lengthened tank, Radiator fan  
Circuit protector  
Three separable wires



**BaiGreen**

### 2 in 1 Aerosol Suction

Air purifier & Aerosol suction

#### 6 Stages of Purification

- 1- Fiberglass filter
- 2- High fiber cotton filter
- 3- HEPA silver-ion filter
- 4- Activated carbon filter
- 5- UV light Sterilization
- 6- Plasma ionizer



**BaiGreen**

### Sealing machine

Indentation width: 12mm, More reliable  
High-grade heating bar (100W), Never burn the roll  
Cutting more easy, hidden blade, Energy saving  
Beep reminder, Time-out automatically alarm  
Accept different sizes of sealing bag



Roll  
32cm



Roll  
44cm



Roll  
28cm

### Rock-Mix Amalgamator

2960rpm:4200rpm 10 speed level  
Adjustable 4 to 99 seconds mixing time  
Sealed mixing area with a safety cover  
Stainless steel clip



**BaiGreen**

### Dental Central Suction 750L

Efficient separation  
Bulit-in auxiliary air valve  
Built-out filter is easy cleaning  
Can work with 1-Unit (100%)  
2-Unit (60%)

Revolution: 2800r/min  
Max Vacuum: -12kPa  
Pump Power: 750 W





## OMS1950 / 2350 Dental Microscopes

German Lenses  
Multi coated  
Anti Reflective

Basic Configuration	OMS2350	OMS1950
Magnification System	6-Steps Manual Magnification Changer Magnification Factor $\gamma = 0.3X - 3.0X$	5-Steps Manual Magnification Changer Magnification Factor $\gamma = 0.4X - 2.5X$
Tubes	0°-180° inclinable binocular tube, feature the widest range for user comfort, F=170mm	
Eyepieces	12.5X wide-field eyepieces also suitable for eyeglass wearers	
Focus	Fine Focus Objective Lens Focusing Range: 250mm	
Illumination System	Integrated LED illumination >100,000LX at working distance 250mm Yellow and green integrated Filters	
mount mobility	Normal arm	
Handgrip	360° Rotatable hand-grip / T hand-grip	

## Optionals:



Balancing Arm



VarioDist Lens



Camera Adapter

Easy 360°  
Mobile AdapterPendulum Function  
(Rotation Ring)Beam Splitter  
With ExtenderIntegrated  
Full HD CameraOMS2360\2380\2380R2  
Dental Microscope

**Integrated VarioDist Lens**  
Working distance range: 200mm~450mm



**One hand operating**



Taking photo&Video

Adjust the focus

**Integrated 4K Camera**  
iMovCloud™ Image Management

**NEW**



Basic Configuration	OMS2360	OMS2380
Magnification System	6-Steps Manual Magnification Changer Magnification Factor $\gamma = 0.3X - 3.0X$	Zoom system with apochromatic 1:6 ratio Magnification Factor $\gamma = 0.4X - 2.4X$
Tubes	0°-180° inclinable binocular tube, feature the widest range for user comfort, F=170mm	
Eyepieces	12.5X wide-field eyepieces also suitable for eyeglass wearers	
Focus	VarioDist Objective lens Variable Working Distance 200-450mm	
Illumination System	Integrated LED illumination >120,000 LX at working distance 250mm, Light spot diameter: 87 mm Yellow and green integrated Filters	
mount mobility	Super Balancing Arm	
Handgrip	360° Rotatable hand-grip	





# OMS3200 / R2 / PRO

## Full Electric dental microscope



### VarioDist Objective Lens

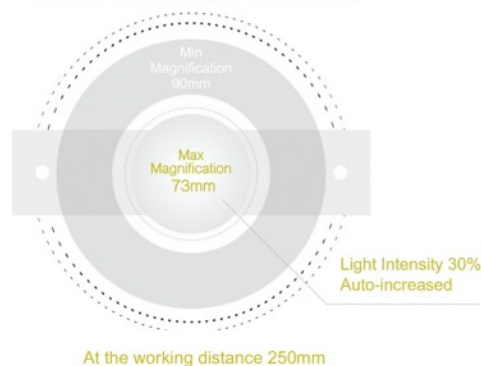
The focal point separation of the pair lines can be adjusted in the range of 200mm to 450mm, allowing for easy focusing during operation.



### BriPlus™ Illumination System

30% auto-increased intensity at maximum magnification to get more light for high magnification. When the magnification is at the highest, the light spot is the smallest and when the magnification is at the lowest, the light spot is the largest.

Integrated true color LED illumination CT5500K/CRI 92  
>130,000 Lux at working distance 250mm



### AntiReflect Module (optional)



### AUTO FOCUS !

Only with 4K Camera



### Features:

- Motorized zoom system, Magnification factor 0.4x-2.4x
- Motorized VarioDist objective lens 200mm : 450mm
- FreeMov Electromagnetic system
- MFH Multifunctional handles with Joystick
- SmartMon LCD Display: displaying current working distance, zoom factor, magnification measurement scale, LED brightness
- 180 inclinable binocular tube with PD adjusting knobs
- 12.5x wide-field eyepieces with adjustable eyeglass wearers
- Briplus LED illumination system >130,000lux at working distance 250mm  
30% auto-increased intensity at maximum magnification
- integrated orange and green filters

### Optionals:

- FluoDet Fluorescent Module or secondary light source
- Anti reflection module
- Integrated or 4K video camera with autofocus (only for R2 - Pro models) with recording on SD card 64GB, or Full HD camera for 3200
- 1/1.8" Sony CMOS, live video streaming of HDMI to desktop devices and mobile phones Android/iOS via zumax Ap, transferred via wireless WIFI or wired RJ45
- Micro 3D-II, 2x 1/1.8" sony CMOS, 1x 2D HDMI export and 1x3D HDMI export
- Wireless ST mini Footswitch, IPX8 waterproof
- Secondary light source, >200,000 Lux at working distance 250mm
- Interchangeable InterFil Laser filters



## SLH Prismatic Loupes 4X & 5X & 6X

- Pro Headbands can be mounted a cordless battery pack. User can choose either rear band or top band mounted.
- Achromatic lenses give a clear image edge to edge with no aberration. Choice of 4x, 5x or 6x magnification.
- Independently adjustable optics ensure accurate setting. Choice of working distance 340, 420, 460, 500mm.
- Coated optics minimise reflections and provide crisp, bright images.
- Optics are fully adjustable for height and declination.
- Water resistant for easy cleaning.
- Optional LED illumination with cordless battery pack.

Magnification	Working distance	Field of view	Magnification	Working distance	Field of view
5.0x	340mm/13"	46mm/1.8"	6.0x	340mm/13"	40mm/1.6"
5.0x	420mm/17"	55mm/2.2"	6.0x	420mm/17"	47mm/1.8"
5.0x	460mm/18"	60mm/2.4"	6.0x	460mm/18"	50mm/2.0"
5.0x	500mm/20"	65mm/2.6"	6.0x	500mm/20"	58mm/2.3"



Locker by one key



Interface with magnet



Sterilizing cover

## SLF & SLH Ready Made Loupes 2.5 - 3.5X

- Multi-coated, high grade glass lenses produce crisp, clear images.
- The Loupes which employ eyepiece of very large view field diameter. The depth of focus is deep and object can be seen stereoscopically with actual distance feeling.
- The angle of the loupes can be adjusted between 0°~40° with ease and fatigue is minimized even after prolonged use.
- 6mm up and down displacement. Pupil distance can be adjusted individually which could be suited for all kind of faces.



SLH Binocular Loupes (with headband)



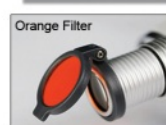
## SLT TTL Custom Made Loupes



- 2.5 and 3.0 magnifications available
- Extremely high resolution
- Precision Optics
- Custom Fit and Custom Working Distance
- Greatest Brightness and Depth of Field
- Ultra-lightweight, as little as 2 oz.(57g) (including the frame).
- All lenses are multi-coated and anti-reflective

Magnification	Working distance	Field of view
3.0x	340mm/13"	40mm/1.6"
3.0x	420mm/17"	46mm/1.8"
3.0x	460mm/18"	50mm/2.0"
3.0x	500mm/20"	54mm/2.1"

## LED illumination HL-8200 & HL-8300



Optical Specification	
Illumination at 200mm working distance	>35000 Lx
Adjustable Range	
Direction of Illumination	Vertical ±25° adjustable
Weight	
Head lamp	21g
Electrical specifications	
Illumination Source	Extremely bright light, 3W LED, life 20,000 hours continuous burn
Battery	Lithium battery 7.4V 2300mAh
Battery Run-time	> 6 hours
Input voltage	100-240VAC
Maximum Power input	14VA
Electrical Safety standard	IEC60601. 1, class II equipment





Multi-layer coating technology suppress glare, prevent reflection, and improve image color sharpness effectively.



SLT TTL loupes weights 75g including lens, only 1/5 weight compare with SLH prismatic loupes



All loupes include a protective hard case, microfiber wipe cloth, neck strap.



- 4.0x and 5.0x and 6.0x magnifications available extremely high resolution.
- Precise optics.
- Custom fit and custom working distance.
- Greatest brightness and depth of field.
- Prismatic SLT TTL loupes only weights 75g, 1/5 of SLH prismatic loupes, which provide more comfortable feeling in using.



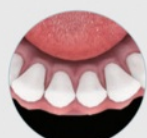
3.5x



4.0x



5.0x



6.0x

Magnification	Working distance	Field of view
4.0x	340mm	51mm
4.0x	420mm	65mm
4.0x	460mm	70mm
4.0x	500mm	75mm
Magnification	Working distance	Field of view
5.0x	340mm	48mm
5.0x	420mm	60mm
5.0x	460mm	66mm
5.0x	500mm	71mm
Magnification	Working distance	Field of view
6.0x	340mm	38mm
6.0x	420mm	46mm
6.0x	460mm	50mm
6.0x	500mm	54mm

## Zumax Micro Tweezer 0.9 mm



### Advantages:

- ★ 360° adjustment easily
- ★ The shape of head is designed for clamping easily
- ★ It is able to accurate clamping foreign matters with strong clamping power, high stability and reliability.

## Zumax Broken Instrument Removal kit



Trephine bur, L: 17mm



### Training Microscope



### Dental Lab. Microscope Tabel Holder





# CHEESE II Dental Laser

Soft Tissue



7 inch touch screen



wireless foot switch



max output power 10W

## Dentist's Good Assistant



Model	CHEESE II
Wavelength	980nm
Maximum Power	10 WATT
Operation Mode	Continuous wave and (Gated) pulse mode.
Pulse Duration	25μs - 10s
Active Medium	InGaAs ( Semiconductor)
Pilot Beam	Red diode laser of 650 nm.
Display	Touch Screen, 7" True Color
Dimension	265(H)*200(W)*210(L)mm
Lifetime	Over 10000 hrs
Warranty	12 months free warranty, 5 years technical support
Weight	3Kg
Packing	Carry case



- Periodontal Therapy
- Endodontics
- Oral Surgery
- Aesthetic Procedures
- Biostimulation
- Tooth Whitening
- Pain Therapy



### ADVANTAGES

- Less and Sometimes No Blood Loss for Surgery
- Effective Treatment of Oral Therapy
- Sensitivity is Detected On Time
- Dental Cosmetic Usage, Tooth Whitening

### Surgery handpiece



Aluminum Alloys  
4 disposal tips: R14.8mm  
Length: 166mm  
Diameter: Φ13.8mm  
200μm/ 400μm/ 600μm suitable  
Surgery

### Bleaching handpiece



Aluminum Alloys  
Length: 140mm  
Diameter: Φ16.6mm  
Spot size: 40mm(L)\* 10mm(W)  
600μm with  
SMA905 on both sides  
Tooth whitening

### Biostimulation handpiece



Aluminum Alloys  
Length: 164.5mm  
Diameter: Φ16.6mm  
Spot size: 3mm or 10mm  
600μm with  
SMA905 on both sides  
Therapy

Scan Me



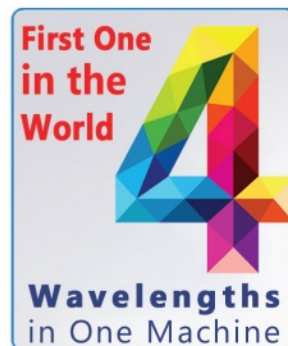


# FireLas™ Blue Dental Laser

*Four Wavelength with Android operating System*

## Why choose Firelas Blue:

- Four wavelength 635nm, 445nm, 810nm and 970nm in one laser with Maximum power up to 10Watt. in one machine
- Combine blue light and near-infrared laser
- High power laser and low level laser together
- Android OS software system offer extremely easy and friendly operation Update software through WIFI
- Pre-set protocols database for dentist
- HD Color Touch Screen
- Pay one machine, own four wavelength together
- An advanced technology on dentistry, solution for Periodontics, Biostimulation, Surgery, Whitening, Therapy and Endodontics



Model	Firelas Blue
Wavelength	635nm+450nm+980nm+810nm
Maximum Power	200mW+3W+10W+7W
Operation Mode	CW, Repeat Pulse
Pulse Duration	10μs-3s
Repetition Rate	0.2Hz-20KHz
Control Mode	True Color Touch Screen
Dimensions	240(H)*130(W)*225(L) mm
Voltage/Current Rating	110/220 VAC, 5A, 50/60 Hz
Weight	4Kg

## 450nm blue laser advantages in dentistry

Peak absorption in hemoglobin and its permeability in water. The blue laser light interacts better with the tissue components hemoglobin or melanin. At 450 nm, this enables considerably better and gentler cutting, even at lower power. Improved cutting performance make it ideally suited to all surgical applications and for hemostasis.

## 200mW 635nm Low Level Laser Therapy (LLLT)

Include the promotion of wound healing in a range of tissues and lesions LLLT is useful for adjunctive treatment modality in various field of dentistry It has a beneficial effect on both hard tissue and soft tissue of the oral cavity with less adverse effect.



## Zafdent

### LED Whitening Machine

Consisting of 3-Types of LEDs 15Pcs  
Blue Light:430:490nm, Red Light: 610:650nm  
Activate almost all whitening material in market  
Adjustable light energy output for sensitive-teeth patients  
Highlight energy out put 2,327MW



## Zafdent

### Wi-Fi Intraoral Camera M-888

Wi-Fi device can display and manage real time images to smart phone, Tablet and laptop.  
Free app for smart phones and PC imaging software included  
Use of 2.0 mega high resolution lens, auto focus operation  
Video and images can be stored into USB disk permanently  
Video recording via remote control is available  
W-Fi ,USB, Video and VGA output functions



## Zafdent 17' Multi media USB disk built in camera

High resolution 2.0 mega pixel lens, auto focus  
Self-contained 17" high quality genuine LED screen  
Full, quad images can compare in different angles  
Display panel use tempered glass  
Accessories with 4GB USB disk  
Multimedia input: HDMI, USB  
Wireless connect to PC



# Aoralscan 3

## IntraOral scanner

Fast Speed

Cloud Platform

Motion Sensing

Powerful Ai Process

## Motion Sensing

### Less Contact, Much Safer

Dentists can scan with minimal contact with the computer, ensuring a safe and efficient scan experience



## Ai intelligent Scan

30% Faster - 30% More Accurate

Single Arch in 25s - Full arch in 60s

Automatically identifies and filters out unnecessary soft tissue data during scanning resulting in a quicker and cleaner scan process



## 2 Tip Sizes

Anti-fogging

up to 100 times Autoclavable

x4

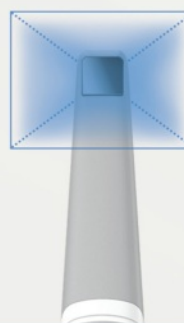
x1

Accommodates adults and children



## Great Scan Field Of View

16x12 mm  
FOV - Standard Tip



Up to 22 mm  
Deep Scan Depth



### Technical Specifications

Scan Field	Standard scanner tip: 16 mm x 12 mm x 22 mm Mini scanner tip: 12 mm x 9 mm x 22 mm
Scan Principle	Non-contact scanner with structured light
Dimension (L x W x H)	281 mm x 33 mm x 46 mm
Weight	240 ± 10 g (without cables)
Output	STL, OBJ, PLY
Connector	USB 3.0
Power Input	12V DC/3 A

### Recommended PC Configuration

CPU	Intel Core i7-8700 or higher
RAM	16GB or more
Hard Disk Drive	256 GB SSD or above
Graphic Card (GPU)	NVIDIA ® RTX 2060 6GB DDR3 or higher
Operating System	Windows 10 Professional (64-bit) or later versions of Windows operating systems
Screen Resolution	1920x1080, 60 Hz or higher
I/O Ports	More than 2 Type-A USB 3.0 (or higher) ports





## AutoScan-DS-EX Pro

Faster scan speed, a single jaw scan can be finished in 12 seconds

Ultra light weight and small footprint: only 5kg

Supports scanning multiple types of articulators, STATIC & DYNAMIC supports multiple dental scan applications, including wax-up, abutment, die, plaster model, impression, articulator and texture

### TECHNICAL SPECIFICATIONS

Camera resolution	1.3 MP
Scan time	8 s for bite scan, 12 s for upper / lower jaw scan
Output format	STL / OBJ / PLY
Dimensions	260x270x420 mm
Weight	5 kg

## AccuFab-D1s 3D Printer

Desktop DLP 3D printer that can print every detail of complex designs with high precision.

Fast Print Speed up to 50mm/h

Ultra High Accuracy and Details, Print accuracy  $\pm 35\mu\text{m}$

Intelligent Print Integrated with advanced print software

Long Lifetime and Low Cost, The resin tank can be used for 100,000 layers of printing.

### TECHNICAL SPECIFICATIONS

Dimension(W/D/H)	394x406x755 mm
Weight	30 kg
Build Envelope (X/Y/Z)	144x81x160 mm
Print Speed	50 mm/h*
Print Accuracy	$\pm 0.035\text{mm}^{**}$
Layer Thickness	25 $\mu\text{m}$ , 50 $\mu\text{m}$ , 100 $\mu\text{m}$
DLP Native Resolution	1920 x 1080, 1080 p
Material Option	Open
Interface	USB / Ethernet / Wi-Fi



## AccuFab-L4K High-Precision 3D Printer

Accurate Precise, IT7- level printing accuracy

District Cooling System maintains the temperature of optical system under 40°C

4K resolution satisfy the demands of users for efficiency and details

Large format, rapid prototyping, high efficiency printing

Professional Software, Plug and Play, Free Updates



HIGH  
PRECISION



HIGH  
RESOLUTION



MULTIPLE  
ENGINEERING MATERIALS

Print Volume (x/y/z)	192 x 120 x 180 mm
Resolution	3840 x 2400(4K) Px
Print Speed	10-50 mm/h (depends on layer thickness and materials)
Layer Thickness	0.025/0.05/0.075/0.1 mm
Accuracy	$\pm 50 \mu\text{m}$
Connectivity	USB/Wi-Fi/Ethernet







# **IDC** INTEGRATED DENTAL CAD/CAM **AMANNGIRRBACH**

**DNA GENERATION**  
THE RIGHT CHOICE FOR EVERYONE



## **IDC MILL 5X** One for all - All in one

### 5-axis wet and dry processing – versatile and future-proof

- ▶ High-performance milling, grinding, carving thanks to DNA milling/grinding strategies
- ▶ Maximum range of materials and indications thanks to 5-axis wet and dry processing
- ▶ Innovative processing procedures ensure maximum value creation (e.g. rotational-milling of titanium, processing of full dentures)
- ▶ Intelligent machine design guarantees optimum protection of all electronic-components during wet operation
- ▶ Up to 60% CARVING time saving, 80% ROTATIONAL MILLING cost saving, 50% THRILLING cost saving
- ▶ Motor Speed: 100,000 rpm - Power Output: 750W - Dimensions: 595/530/780 (mm)



## **IDC MIKRO IC**

### 4-axis wet processing with speed function

- ▶ High-performance processing thanks to DNA milling/grinding strategies
- ▶ "Carving mode" reduces the processing times of single blocks by up to 60%
- ▶ Solid design enables the highest degree of precision with maximum feed rates
- ▶ Special holder design ensures easy handling and accuracy when processing hard materials (titanium, glass ceramics etc.)
- ▶ Motor Speed: 100,000 rpm - Power Output: 750W  
Dimensions: 465/580/585 (mm)



## **IDC MIKRO 4X**

### 4-axis dry unit – easy entry or efficient upgrading

- ▶ Low investment costs with high amortisation rate
- ▶ Highly versatile due to 4-axis dry processing of blanks and hybrid ceramic blocks
- ▶ Precise and durable thanks to high-quality components and robust machine design
- ▶ Motor Speed: 60,000 rpm - Power Output: 250 W  
Dimensions: 465/515/585 (mm)



## **IDC MIKRO 5X**

### 5-axis technology concentrated in minimum space

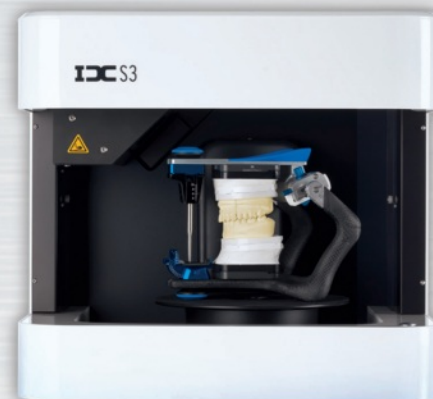
- ▶ Maximum range of indications in 5-axis dry milling
- ▶ Space-saving, compact design, latest 5-axis technology
- ▶ Fast, stable and efficient thanks to low-vibration monocoque design
- ▶ High-quality machine components guarantee constantly high precision and durability
- ▶ Motor Speed: 60,000 rpm - Power Output: 250 W  
Dimensions: 465/515/585 (mm)



## IDC S3 SCANNER

The fully automatic high-performance scanner for open articulator scanning

- ▶ Integrated, universal fixator for all common types of articulators ensures maximum flexibility
  - ▶ Intelligent scan height control for optimum model alignment in the scan field offers the highest possible process reliability
  - ▶ HD scan via 3D sensor with blue light technology and variable resolution guarantees optimal and reproducible results
  - ▶ DNA Speed Scanning enables a full jaw scan with unrestrictedly usable results in only 18 seconds
- ▶ Axes: 3      Accuracy: 4 µm      Full arch scan (sec.): 18      Accuracy (µm) implant bars: 10  
 Single die with Ceramill Multi Cap (sec.): 4,5      Weight: 25 kg      Dimensions: 415 x 424 x 469



## IDC S2 SCANNER

Entry-level scanner – quick, compact, precise

- ▶ Maximum precision at minimum footprint – Open interface and automatic user guide
  - ▶ "DNA Speed Scanning" reduces scanning times by up to 50 %
  - ▶ Versatile use (e.g. Impression Scan Triple Tray, Models, Multi Die, Colour Texture Scans)
  - ▶ Universal-carrier plate allows flexible scanning of numerous different model systems
- ▶ Axes: 2      Accuracy: 6 µm      Full arch scan (sec.): 18      Accuracy (µm) implant bars: 10  
 Single die with Ceramill Multi Cap (sec.): 4,5      Weight: 11 kg      Dimensions: 390 x 360 x 310 mm

## IDC T1 Z1 FURNACE

Fully automatic furnace for final sintering of distortion-free zirconium oxide frameworks

- ▶ High process reliability due to constant temperature control and homogeneous temperature distribution
  - ▶ 250 sintering program positions of which 3 are validated AG programs
  - ▶ 3 stackable sintering bowls for maximum utilisation of the furnace
  - ▶ Optimally coordinated, fully-automated sintering programs for different restoration sizes
- ▶ Power Output: 3.5 kW      Degree protection – IP20      Weight: 30 kg      Dimensions: 500 x 461 x 480 mm
- ▶ Thermal protection class according to DIN EN 60519-2: Class 0



## ceramill® material





**Eugetin**

Sealer based on zinc oxide, calcium phosphate, eugenol, thymol iodide

Filling root canals using gutta percha points

Filling root canals in particular medical cases - without gutta-percha points

**Packaging:** plastic jar (14g), bottle with pipette-cap (10 ml), measuring spoon, mixing pad

Alternatives: Endomethazone-Septodont, France

**Rootdent (MTA-Biodentin)**

Based on calcium, silicon, aluminium oxide (MTA), zirconium oxide

For root canal repair - retrograde filling - perforations

MTA-working time 10-12 minutes, Hardening time 4-24 hours

Biodentin (Quick Hardning) working time is 2-4 minutes, Hardening time is 10-15 minutes

**Packaging:** 20-doses 0.25g each, dropper-bottle

Alternatives: ProRoot(MTA) - Dentsply, USA  
Biodentin - Septodont, France

**Resortin**

Based on resorcine, formic aldehyde and zink oxide, with whitening agent

For treatment of narrow, difficult, infected root canals

Antiseptic preparation and filling root canals

Optimal composition for dense canals filing

**Packaging:** Glass jar (10 g), bottle with a pipette-cap (5 ml), bottle with dropper-cap (5ml)

Alternatives: Forfenan-Septodont, France

**Epoxidin duo (Auto Mix)**

Resin sealer based on epoxy-amine resin, zirconium oxide, filling component, plasticizing agent for filling root canals

with gutta percha, silver or titanium points

Warm Carrier-based obturation

**Packaging:** Dual syringe white/yellow paste 5 ml

Alternatives: AH Plus-Dentsply, USA

**Edetect Liquid \ Gel \ Gel with peroxide**

Liquid: Based on EDTA salts (20 %), cetrimide

Gel: Contains EDTA salts (20 %)

Gel with peroxide: Contains EDTA salts (17 %) and peroxide (10 %)

**Packaging:** Gel: syringe 5 ml - Liquid: bottle (15 ml)

Alternatives: RC-Prep-Premier, USA

**Calcetin Endo Endodontic Paste**

Based on calcium hydroxide, for root canal temporary filling

Superior antibacterial effect (pH 12,8) and radioopacity

Irreversible pulpitis, Apexification and apexogenesis

Conservative treatment of all forms of chronic periodontitis

**Packaging:** syringe (2 g), dispensing tips

Alternatives: Metapaste-Meta Biomed, South Korea

**Ftor-lux Fluoride Vamish**

Contains calcium fluoride and sodium fluoride, aminefluoride

Promoting hard tooth tissues remineralization

Immediate pain reduction for patients

**Packaging:** 13 ml bottle with a dropper-cap

Alternatives: Bifluorid12 - Voco, Germany

**Cresotin liquid No.1**

Based on camphor, chlorophenol and lidocaine hydrochloride (5%), eugenol

For antiseptic of tooth root canals with Immediate and

reliable analgesic effect, Does not cause irritation

Strong antiseptic agent with high penetration capability

**Packaging:** Bottle (15 ml) with a pipette-cap

Alternatives: Pulperyl - Septodont, France

**Devital**

Contains polyoxymethylene(30%), lidocaine hydrochloride

For pulp devitalization before removal or amputation

Prolonged effect, Painlessness of a procedure

Effective pulp necrosis without arsenic

Applicable for dentistry and pedodontics

**Packaging:** plastic jar (5 g)

Alternatives: Caustinerf Forte - Septodont, France

**Tempodent**

Based on zinc oxide, zinc sulphate

Paste For temporary tooth filling

Quick hardening (10 minutes)

**Packaging:** plastic jar (50 g)

Alternatives: Cimpat - Septodont, France

**Relight Composite \ Relight Bond**

Universal nano-hybrid light curing composite material

Light-curing single-component universal bonding agent.

Forming of indirect restorations (inlays, onlays, veneers)

**Packaging:** Paste, syringe 4 g - Bond bottle 5 ml

Alternatives: Filtek Z550 - 3M ESPE, USA

**Desensetin (gel)**

Contains lidocaine hydrochloride (15%), Natural flavour

Gel for topical anesthesia, Ultrafast effect (10-15 sec.)

Secures painlessness of a procedure within 20 minutes

**Packaging:** tube (60 g)

Alternatives: Xylonor gel - Septodont, France





### Pulpodex

Based on camphor, eugenol and zinc-oxide  
For treatment of pulpitis of vital molars pulpitis in vital infected temporary and permanent teeth with not shaped roots  
Pulpitis in temporary and permanent molars by method of pulpotomy

**Packaging:** powder (jar) 15 g, liquid (bottle) 15 ml

Alternatives: Pulpotec-PD, Switzerland



### GlassyCem Luting / Restorative A2-A3

Radiopaque glass-ionomer luting / restorative cement  
Based on fluoro aluminosilicate and polyacrylic acid, tartaric acid

Fixing of crowns, dental bridgework, inlays and onlays  
Prolonged anti-caries effect, Biocompatibility

**Packaging:** powder - dark glass jar (20g)  
liquid - dropper bottle (16g)

Alternatives: GC-Fuji I / Fuji IX, Japan



### A-Cem (white, light yellow, goldish)

Based on zinc oxide, aluminium and zinc phosphate, orthophosphoric acid, For fixation and filling  
High compressive strength: for fixation - 105MPa; for filling-115MPa

working time (1,5-2 min.), setting time (6-8min.)

**Packaging:** powder - plastic jar (100g)  
liquid - dropper-bottle (60g)

Alternatives: Adhesor - Spofa-Dental, Czech Republic



### Iodotin Endodontic Paste

Based on iodoform and calcium hydroxide  
Intense antiseptic properties (contains iodoform)  
For treatment of pulpitis and all forms of periodontitis  
High pH value (12.8), enabling prompt, bactericidal effect

**Packaging:** syringe (2 g), plastic tips

Alternatives: Metapex-Meta Biomed, South Korea



### Iodotin hardening / Non-hardening paste

Based on iodoform, chlorophenol, camphor  
Treatment of pulpitis, periodontitis and granulomatous  
Temporary filling of infected root canals  
Strong and prolonged bactericidal effect

**Packaging:** dark glass jar (25g) Non-hardening paste

Alternatives: Tempophore - Septodont, France



### GlassyCem Final Varnish

Contains filming agent in the easily volatile solvent  
Protecting thin film isolates filling from influences of saliva at initial stage of its maturation

normalizes the water balance of the ion-exchange reaction

**Packaging:** Dark glass bottle with a dropper cap 5 (ml)

Alternatives: GC - Fuji Varnish, Japan



### Hemostop Retraction cord

Impregnated (cotton cord with salts of aluminium)

> sizes: 00 - 1 - 2 - 3

Non-impregnated (cotton cord)

> sizes: 0 - 000

**Packaging:** cotton cord Length: 2.8 m



### Hemostop (gel & Liquid)

Based on aluminium chloride (25%), cetrimide

For gingival retraction and hemostatis

High-efficient hemostatic and binding agent

No discoloration for contacting tissues

**Packaging:** Syringe (5 ml), plastic dispensing tips  
bottle (15 ml) with a pipette-cap

Alternatives: Viscostat Clear - Ultradent, USA



### Hemostop-A (paste)

Paste with iodoform for socket treatment

Non resorbable temporary filling with strong antiseptic

Fast and prolonged analgesic effect, Fast wound healing

Good consistency - fibrous easy forming paste

No need to remove the paste from socket (gradually washing)

**Packaging:** dark glass jar (25 g)

Alternatives: Alvogyl - Septodont, France



### TH Gel for etching

Contains orthophosphoric acid (37%), chlorobutanol  
Enamel and dentine etching acid etching technique  
High colour contrast for application control

**Packaging:** syringe 5 ml, plastic dispensing tips

Alternatives: Vococid - Voco, Germany



### Poliren Polishing Paste (No.1 - No.2 - No.3)

No.1 acidic component (citric acid), abrasive material

No.2 Contains abrasive material (silicon oxide) 30-50um

No.2 Contains abrasive material (corundum) 3-5um

**Packaging:** tube (50 ml)

Alternatives: No.1: Klint - Voco, Germany



### FlowCleans POWDER FOR SANDBLASTING

Contains calcium carbonate 50-70 µm

Preventive cleaning of tooth enamel by air abrasion

without damaging of enamel

**Packaging:** plastic jar (250 g)

Alternatives: Air-Flow, EMS, Switzerland





### Enforce-Pin

Urethane bond polishers for contouring, polishing and finishing of composite and glass ionomer. Does not heat the polished surface. Contains aluminum-oxide as an abrasive component.

Packaging: Box of 36 pcs - Autoclavable

3000-5000  
RPM



### Ensmart-Pin

Silicone bond polishers for contouring, polishing and finishing of composites and glass ionomer. Contains aluminum-oxide as an abrasive component.

Packaging: Box of 36 pcs - Autoclavable

3000-5000  
RPM



### Diamond Sun

Urethane polishers filled with ultrafine diamonds for final treatment of restoration surfaces. The pin material is grey polymer.

Packaging: Box of 36 pcs - Autoclavable

3000-5000  
RPM

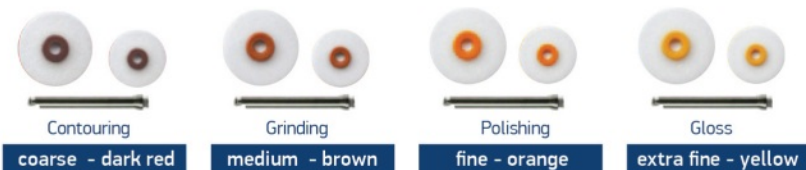


### RoundFlex

Efficient polishing disc system. 2 stainless steel mandrill short & medium. Diameter: 9.6 / 12.6 mm.

Packaging: Box of 20 or 40 pcs

20,000  
RPM



### Sharp brush

filled with abrasive silicon carbide particles was made for ultra polishing of occlusion and concave composite, glass ionomer, and ceramic restoration surfaces without using paste.



### StarFlex

Two-step polishing system based on strong silicone with diamond particles. Dark blue: Coarse. Light blue: Fine.

4000-10000  
RPM



### Mira Polishing paste

Professional toothpaste for cleaning and removing tobacco and food stains, as well as for fine sanding of composite restorations. Fluoride-free.

Packaging: Jar (45 g) mint



### Mira Zr Polishing paste

Professional paste for tooth cleaning, removing solid dental deposits, pigmentation, and for polishing of composite. Ground zircon in the paste increases abrasive properties. Fluoride-free.

Packaging: Jar (45 g) mint  
mini doses 100 pcs in a box of 2 g



### Daiyamondo Polishing paste

Professional paste is designed to give smoothness and dazzling shine to restorations and natural tooth enamel, as well as to give ultra-shine to ceramic and metal products. It contains ultrafine diamond particles 0.1-1 microns in size.

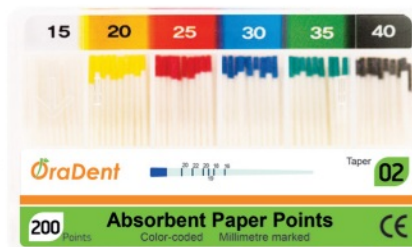
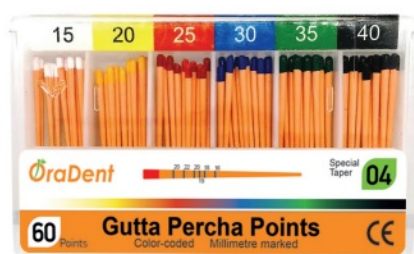
Packaging: syringe 1 g - 4 syringe in a box



## OraDent

### Gutta Percha Points

### Absorbent Paper Points





## DotaEndo Flex Rotary files

Controlled memory Niti material  
4% safer constant taper design  
Minimal invasive file design  
Respect to the root canal anatomy  
Superior resistance to cyclic fatigue



	#17/8%	#19/2%	#20/4%	#25/4%	#30/4%	#35/4%	#40/4%
ISO Color	Yellow	Yellow	Yellow	Red	Blue	Green	Black
Speed	300	350	350	350	350	350	350
Torque	2.5	1.5	1.5	1.5	1.5	1.5	1.5
Assorted kit	#17/8% - #19/2% - #20/4% - #25/4% / 25mm						

## DotaEndo S One Rotary files

Better cutting force than soft file,  
Better anti-cyclic fatigue than hard file  
Simple usage protocol



	#17/8%	#17/4%	#20/4%	#25/4%	#25/6%	#30/4%	#35/4%	#40/4%
ISO Color	Yellow	White	Yellow	Red	Red	Blue	Green	Black
Speed	300	400	400	400	400	400	400	400
Torque	2.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Assorted kit	#17/8% - #17/4% - #20/4% - #25/6% - #35/4% / 25mm							

## DotaEndo Gold Rotary files

CM wire Niti material  
200% flexibility increased  
Sharpness improved  
Longer service life  
Superior resistance to cyclic fatigue



	#17/8%	#17/4%	#20/4%	#25/4%	#25/6%	#30/4%	#35/4%	#40/4%
ISO Color	Yellow	White	Yellow	Red	Red	Blue	Green	Black
Speed	300	350	350	350	350	350	350	350
Torque	2.5	1.5	1.5	1.5	2	1.5	1.5	1.5
Assorted kit I	#17/8% - #17/4% - #20/4% - #25/6% - #35/4% / 25mm							
Assorted kit II	#17/8% - #17/4% - #20/4% - #25/4% - #30/4% / 25mm							
Assorted kit III	#17/8% 2 pcs - #20/4% 2 pcs - #25/6% 2 pcs / 25mm							

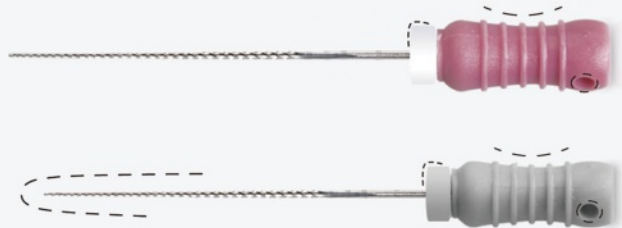
## DotaEndo Path Rotary files



### Stainless Steel K&C files

Sharp edge with mirror like surface perfect  
uniformed 2% taper conforming to  
ISO standard.

Drop preventing thread eye.  
Ergonomically designed handle  
prevent slipping when used.  
Grooves to stop slipping.



**DotEndo** | **SaFE Endo**  
Make our endo-treatment **Safer, Faster, Easier**

**DotaEndo Flex**







**Bausch Arti-Fol® metallic**  
Shimstock-Film 8/12 microns



**Bausch Arti-Fol® ultra-thin**  
Articulating Film 8-microns



**Bausch Articulating Papers**  
Arti-Check® micro-thin 40-microns



**Bausch Articulating Papers**  
progressive color transfer  
200 microns

## 1st Step: Articulating Paper

Examining the occlusion using Bausch Articulating Paper with progressive color transfer 200 µ or Bausch PROGRESS 100° Articulating Paper with progressive color transfer 100 µ

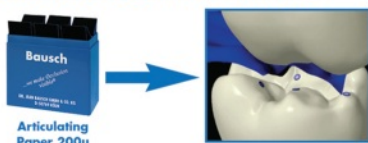
### Differences between paper and foil

#### Progressive Paper

- Marks under pressure
- Larger contact marks
- Shows different pressure forces
- To check static occlusion
- Marks extremely well on wet surfaces

#### Articulating Foil

- Marks on stroke
- Contacts are pin points
- Marks high spots precisely
- To check static and dynamic occlusion



The blue contacts show the pressure distribution.  
Dark marks show a higher pressure than light marks.

## 2nd Step: Articulating Foil

Checking the occlusion using Bausch Arti-Fol® red 8µ or Arti-Fol® metallic red 12µ



The marks of the articulating foil are more visible due to the Transculse® bonding agent of the articulating paper.

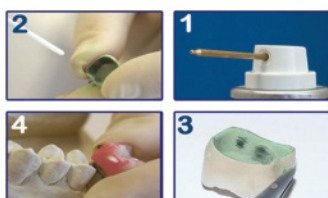


**Arti-Fol® Approximal**  
Contact Forceps

**Arti-Fol® straight**  
Contact Forceps



**Bausch Arti-Spray®**  
Occlusion-Spray (Red / Blue)



**Bausch Fleximeter strips**  
1.0 / 1.5 / 2.0mm



**Bausch Arti-Spot®**  
Highspot-Indicator



## Bacsch OccluSense® Electronic Pressure Sensor

- handheld is a battery powered device which uses your local wireless network to transfer the recorded data to the OccluSense®-iPad-App.
- 60 microns thin, flexible, color coated
- Inductive charger provides wireless power transfer. Fully charged
- batteries allow the usage of the device for up to 4 hours
- Ergonomic design with two operating buttons for intuitive handling.
- Included test sensor ensures that the OccluSense® system is working correctly
- The recordings and the live mode as well as the occlusal force distribution can be displayed either in 2D, 3D or in a combined view



## The Future of Occlusion Control







**MEGA-FS** front Surface



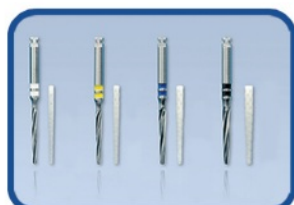
**TopVision-FS** front Surface  
Rhodium Coated Mirror



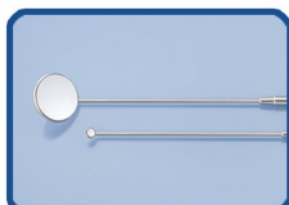
**Relax** front Surface  
Coloured Autoclaveble Mirror



**Economy**  
Three Fold Pure Silver Coating



**Fiber Post System**



**Micro** Front Surface Mirrors



**ULTRA FS**-the brightest and  
sharpest mirror worldwide



**Exatec Titanium**  
Root post system



**ExaPin**  
Drill+parapulpal Pin



**Provisional Crowns**



**Sharp Cut**  
crown cutters



**sonden**



**Mirror Handle**

## Dental Needles



### DENJECT

#### Disposable Dental Needles

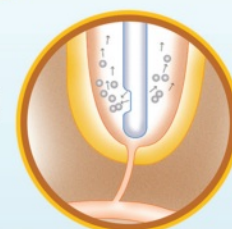
- Tri-bevel point for easy tissue-penetration without coring
- Round cutting edge protecting the gum
- Silicone coating substantially reduces-pain and tissue trauma
- Special heart treatment of pipes makes DENJECT super-elastic



### CANAL CLEAN

#### Irrigation Needles

- Close-end tip and side-port opening
- Irrigation of Canal, Perio, Pocket with safe and perfect.



## ZafDent High-speed Handpiece

Self lock Avoid the bur drop off when rotating

High quality Optical LED

Anti-retraction system

Triple water spray

Super torque cutting

comfortable grip feeling



Optical LED



Super torque cutting



Anti-retraction system





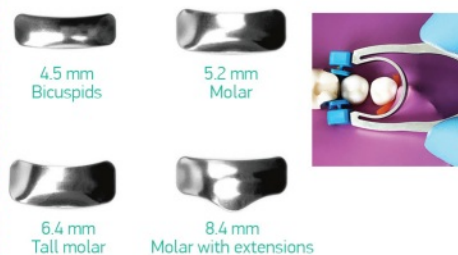
Sole agent  
**BALGREEN**



## RETAINER AND MATRIX DISPOSABLE / WINGLESS



## SECTIONAL MATRIX 30 pcs + Clip Ring



## Special Products

### BLU Stainless Steel Files C-Files \ K-Files



### Sole agent Dental Instruments *Meccadent*



### A-ONE Dental Amalgam Capsules 44% Silver - High strength



## Dentist Stools

BD-1103M



BD-1103H



BD-1103S



BD-1103E



BD-1103B



BD-1103A

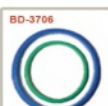


## Spare Parts

Full lines for all special and general spare parts for all dental devices



Vacuum Pump Autoclave



Door Seal Autoclave



Compressor Head



Automatic switch Compressor



Chamber+heater water distiller



Main Board sealing machine



Container Ultrasonic cleaner



Detachable Cable Scaler



Internal motor Endomotor



Cables Apex locator



Foot Pedal



Transformer



Electric motor



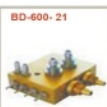
Oral light switch



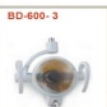
Air electric switch



Electromagnetic valve



Integrated valve



Round operating light



Large operating light



LED operating light





## ليه مركز صيانة شركة البدر رقم 1 فى مصر؟

- لأنه أسرع مركز يقدم خدمة صيانة شاملة على مستوى الجمهورية
- ينتقى أمهر المهندسين المتخصصين الذين يتم تدريبهم داخل مصانع الشركات الأم لضمان تقديم خدمة يثق بها عملاؤنا
- يضم أكبر عدد من المهندسين يمكنه من تغطية جميع انحاء الجمهورية فى اقصر وقت ممكن
- لأنه بيوفر قطع غيار أصلية بشكل دائم لضمان جودة الخدمة
- لأنه بيعاملك كشريك دائم وليس كعميل مؤقت

Track your device: [www.warranty.elbadr.co](http://www.warranty.elbadr.co)

[www.warranty.zafdent.com](http://www.warranty.zafdent.com)

للتواصل معنا

01206666002 - 01000216641 - 01022275065

[maintenance@elbadr.co](mailto:maintenance@elbadr.co)

**Guarantee Terms:** We are not responsible for any maluse or trial repair by anyone outside Elbadr Maintenance department.



### Workshops



### Community



### Exhibitions



### Summary

**Elbadr CO.** is one of the biggest dental companies in medical market offer A full line of dental products.

- We are one of few companies in dental filed in Egypt that offer a full set of apparatus for dental clinic, centers construction.
- Our main products are: Dental units, Air compressor, Microscope, Laser, Autoclave, x raye, dental laboratries, .....etc.
- Our Advantage: Specialty of products, Immediate delivery, Prompt after sale service, Suitable price.
- Our co. Have own maintenance team ,,, **Simply we are different.**

*Regards*

*Warmely welcome to our Co*

**General manager**

Dr.Mohammed Elbaiomy





## ELBADR CO.

📍 **Main office:** Alyamama building, Qanat Al-Swiss st., opposite to Al-khir hospital, Mansoura, Egypt

☎ 050 2507574 - 0120 6666 002 - 01022275070

📍 **Cairo office:** 1-Al Manial museum st., office no.36, 3rd level, opposite to Faculty of dentistry, Al-Manial, Cairo, Egypt

☎ 02 23629334 - 0120 6666 002 - 01000663181

📍 **Maintenance Center:** Alquads Alsharif St., Qanat Al-Swiss st.

behind Al-khir hospital, Mansoura, Egypt

☎ 0120 6666 002 , 01022275065, 01000216692

✉ info@elbadr.co

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Elbadr Co. Reserve the right to make any improvement on product design & options without any advanced notice.

2022 Edition-1