XPEDENT®

Carbon X series 2024

Premium Products range

Oraloptix Prime® Surgical Microscope

With 4K built-in system Continues lens

- German Lenses
- To see a small beginning

Microscope Master chair

20 *color options*

ALIEN LENS

- 4 size is available 3.5/4.5/5.5/6.5

- Xpedent Alianlens ERGO loupe combine Schott Glass and Achromatic Optical PathDesign to assure high image quality.

- The Flip-Up function can bring unobstructed vision and eyecontact with your patients with a single adjustment.

- The whole structure made of ultra-light alloycreates a cool metalic look, ensuring excellent structural strength and durability, while minimizingthe weiaht and the pressure on the nose when wearing

Dental Loupes   Custom Design

- Custom Design, Artisan Craftsmanship

- Xpedent is dedicated to providing exceptional loupe solutions for dental professionals. Featuring High-Definition Lenses, a Robust Frame, and Precision Coatings.

- Utilising the latest technology, we minimise chromatic aberration and spherical distortion, ensuring unmatched clarity.

- Our loupes are crafted with hardened alloys to prevent deformation, maintaining stability and durability for long-term use.

- Featuring scratch-resistant, anti-fog, and anti-glare technologies, our loupes enhance lens durability maintaining clear vision over time.

Customized

2.5X   3.0X   3.5X

TTL ERGO loupe

- Improve Your Posture

- Enhance Your Well-Being

- Visual Acuity and Ergonomics

- Designed to maximise ergonomic efficieny dental professionals, enhancing workplace efficiency. Includes integration of current prescriptions and customization options to express personal style.

Customized

ER3.5X   ER4.5X   ER5.5X   ER6.5X

Dragonfly Cordless

Dragonfly Cordless

Dragonfly provides stronger light intensity to enable work with higher magnifications.

BLUE   GOLD   GRAY

Parameter

Intensity	55K LUX
Weight	29 gr
Run time	2 hrs
Charge time	1.5hrs
Batteries	3 pcs
Color temp'	5,750K
Yellow filter	External

Scan Master® Intraoral Scanner

- 20 seconds full-arch scanning

- AI-powered enhancement

- Pristine accuracy

- True-to-life color

- The gyroscope inside the scanner allows you to view scanned images from different angles by simply rotating the scanner, eliminating the need to touch the screen

- Future-proof ecosystem

- Cloud storage

- Online 3D viewer

- The tiny button carries significant responsibilities

- The button controls the entire digital workflow

- It prevents cross-contamination as you don't have to touch the screen or use a mouse.

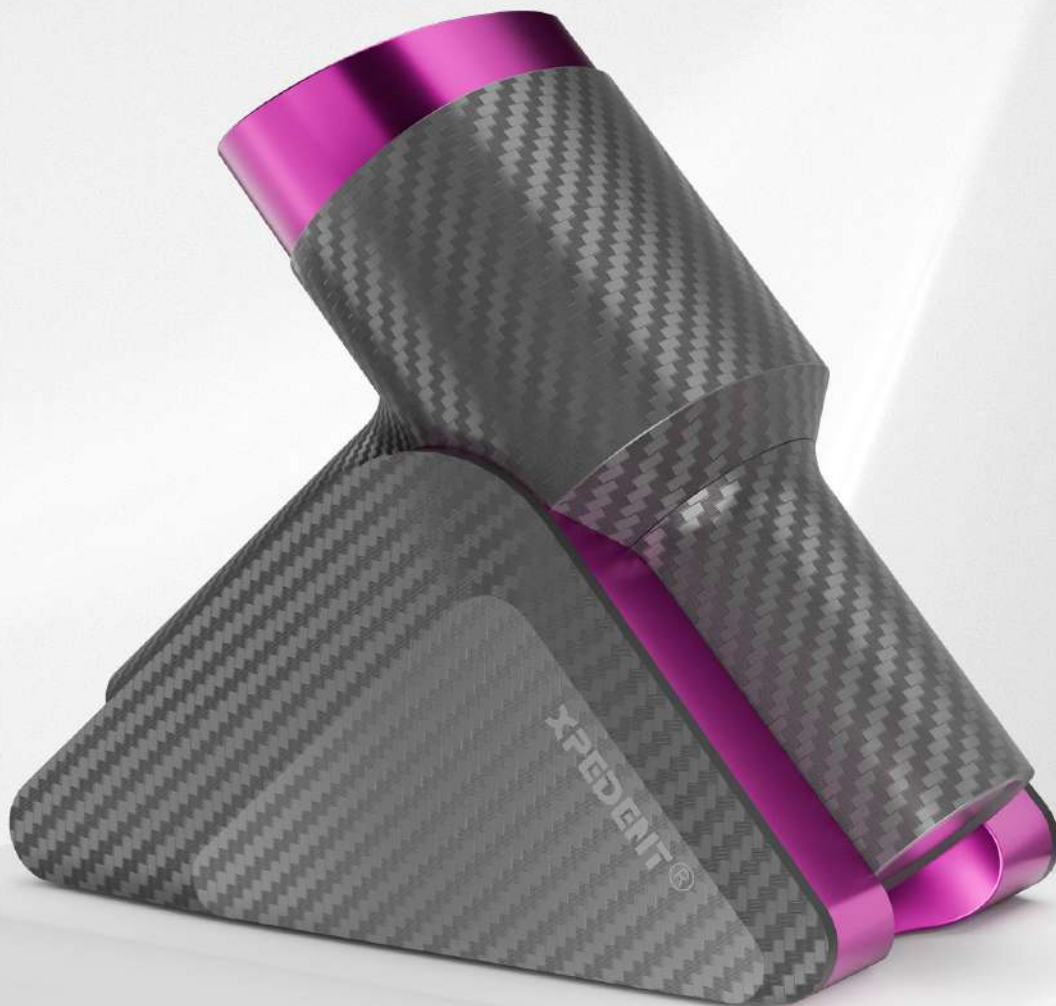- Safety is always our top priority

Xpe Version ® Sensors

Dental Intraoral Sensors

- Grayscale: ≥16 bits (Highest in the industry)

- Tested spatial resolution: 12-14 Lp/mm

- Connection: USB connection or Wireless

- Connection cable: 3m (Extendable)

- Compatible with operating systems: Windows 7, 8, and 10

- Cutting-edge Technology and Rigorous Testing Ensure Unrivaled Durability

- Withstand over 500,000 exposures and 100,000 cable bending tests, ensuring reliable performance in various working conditions

- Shock-resistant and waterproof casing provides secure protection for the sensor

- Unlike standard X-ray machines, the DC high-frequency portable X-ray machine operates without the unstable interference of external AC power, resulting in stable output rays and superior image quality.

- Utilizes a micro-focus tube with a focal size of 0.4mm, concentrating radiation and minimizing scatter for clearer images.

- Offers the flexibility of choosing from various imaging methods, including soft film, sensors, and scanners.

- Equipped with a high-power battery that ensures continuous shooting for up to 200 times when fully charged.

SensorGrip Pro® Digital Sensor Holder

- Designed for lining the IP board (digital sensors), adjustable to fit various IP board sizes.

- Enhances patient comfort and facilitates precise and easy X-ray procedures.

- Offers excellent protection for dental X-ray sensors.

- Ideal for use with digital sensors featuring a guideline.

- The clamp size can be adjusted to accommodate different imaging plates.

Built in Apex locator

- Precision Path Technology (PPT)
- TAT (Torque Adjustment Technology): Experience real-time torque adjustment in response to varying canal resistances
- Advanced Anti-Vibration Technology
- 6:1 Contra-Angle Design
- TFT Full-Color Display
- Torque from 0.4 to 5.0 N·cm and speed from 50 to 2000 rpm
- High-Capacity Battery: Equipped with a robust 2500 mAh battery

Parameter

Screen	TFT color screen
Torque	0.4~5.0N.CM
Speed	50rpm~2500rpm
Battery capacity	2000mAh
Weight	150g

Brushless *Endo Motor*

MotoSync MiNi® Brushless Endo Motor

World smallest and lightest

- Smaller and Lighter
- Built-In Apex Locator
- Precision Path Technology (PPT)
- TAT (Torque Adjustment Technology): Experience real-time torque adjustment in response to varying canal resistances
- Advanced Anti-Vibration Technology
- 6:1 Contra-Angle Design
- TFT Full-Color Display
- torque from 0.4 to 5.0 N·cm and speed from 50 to 2500 rpm
- High-Capacity Battery: Equipped with a robust 2000 mAh battery

Brushless
Endo Motor

DyLUX® Curing Light

- Clear OLED display
- 8 modes: Normal, High, Turbo, Ortho, Peri , Soft, Pulse, Check
- 360° rotatable head
- 10w LED, 3100 mw/cm² intensity
- 14.5° precise light angle
- Charging base with light meter -wireless charger
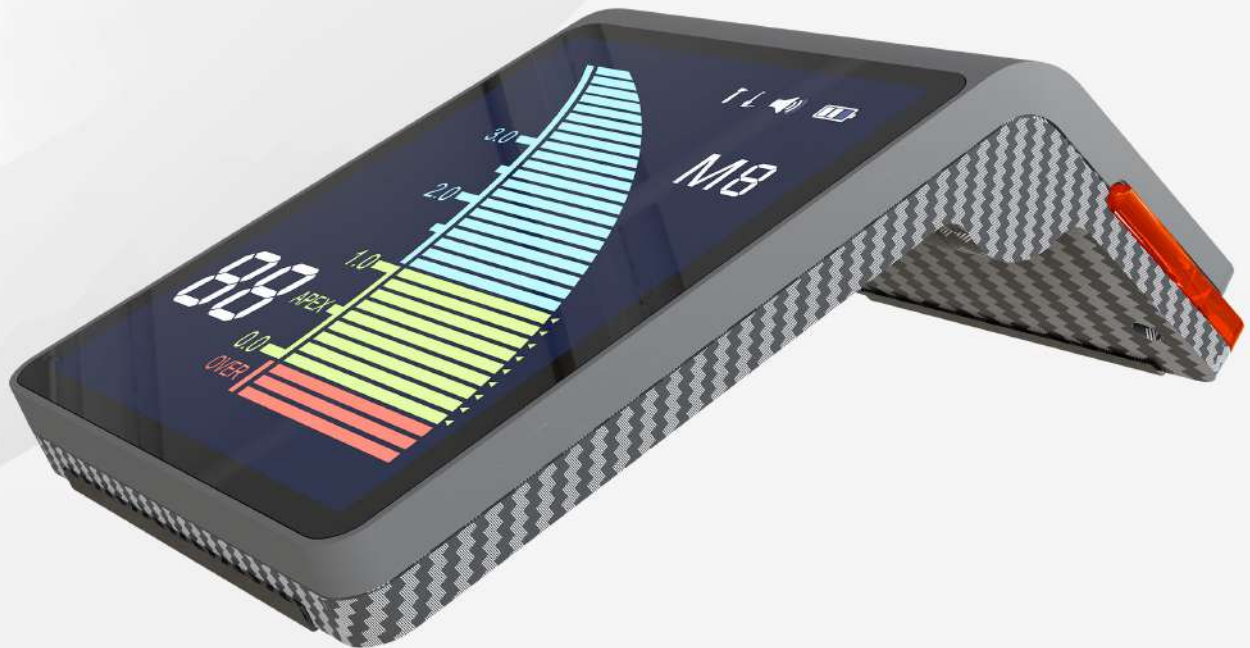
VitalDuo Apex Locator & Pulp Tester

- Precision & Anti-Interference

- Advanced technology ensures precise assessments without interference

- Adjustable Sensitivity

- Three levels for personalized patient care.Innovative Pulp Testing

- Accurate tests with four levels for tailored diagnostics

- Touch Screen Convenience

- Intuitive touch screen interface with customizable settings

- Sleek Design & Durability

- Durable build with a 4-inch TFT color screen

ApexSync Pro® Apex Locator

- Multi-frequency isolated network for apex locating technique, featuring a selfcalibration function when powered on to guarantee measuring accuracy

- Large colorful LCD screen with touch buttons, displaying multicolor that clearly shows the moving track of the root canal file

- Equipped with a high-capacity 3.7V/200mAh battery that can be repeatedly recharged for long life

- File clip, lip hook, and measuring file can be autoclaved repeatedly, preventing cross infection

- Foldable design for easy adjustment of the visual angle

Chair-Side Micro Etching Master®

2 In1

- Cost-effective
- Simple installation without a separate external pipe, directly connected to the dental-chair's four-hole high-speed interface
- Patented sand-bin, constant sand production rate, meeting clinical requirements
- Easy One-click cleaning saves the time and reduces maintenance

- Metal handpiece is durable and can be rotated 360 degrees. Easy to access to any part of the mouth
- Easy to disassemble

Scan Master® Intraoral Scanner

- Very hard tungsten carbide steel nozzle gives longer life

- The rotatable nozzle can spray 360°

- Detachable, easy to clean and maintain

- The switch is comfortable to use, and the sand flow is accurate

- Accurate flow enables almost all sand to be used

- Four-hole standard interface, easy installation and operation, no need to take over the pipeline

- Sand blasting with water reduces dust pollution to protect the health of doctors and patients

- The only dual-purpose sandblasting machine, the unique sand design prevents clogging, giving greater efficiency

- Sodium bicarbonate and glycine dental floss powder, surface

- Coarsening aluminum oxide powder can be used

AIR FLY Prophy Powder

Erythritol

- Used with Air Polisher for the removal of plaque from teeth
- This product is only for oral use, non-sterile product, not reusable, not oral use

Glycine

- Used with Air Polisher for the removal of plaque from teeth
- This product is only for oral use, non-sterile product, not reusable, not oral use

AF-1
SODIUM BICARBONATE
60μm 300g

AF-2
ERYTHRITOL
14μm 120g

AF-4
GLYCINE
27μm 200g

AluSparkle®

Aluminum Oxide Abrasive Powder

- No water absorption, no blocking, high efficiency
- Perfect for working on the surface of tooth crown, inserts and orthodontic fasteners
- 27-micron sand for IDS after the tooth surface, such as polymer resin type restoration, dentin
- 50-micron sand for ceramic and porcelain restoration, such as porcelain veneers or inlays
- 90-micron sand for metal and zirconia restorations such as orthodontic brackets, implant bases, zirconia restorations

AF-2
50μm

AF-1
27μm

AF-3
90μm

Ultrasonic Endodontic Expert®

Ultrasonic Endodontic Scaler

Shel-P

- Features a clean, reliable, and sensitive touch screen with tempered glass material that is waterproof and durable.

- Equipped with an LED handpiece that provides clear working vision.

- Includes an inductive rotary water switch that is detachable and has an automatic washing function, making it easy to clean.

- Utilizes a sine wave drive to avoid instant stimulation, ensuring a comfortable and gentle experience.

- Incorporates an intelligent negative feedback system for constant power output, achieving a continuous and stable treatment effect.

- Offers two ways of water supply, making it easier than ever to change supply methods.

Tips & Tip Wallet

Torque Wrench

TW EMS P

EMS®

Plastic Torque Wrench

TW SAT P

Satelec®

Plastic Torque Wrench

TW NSK P

NSK®

Plastic Torque Wrench

TW SIR P

Sirona®

Plastic Torque Wrench

TW KAV Q

KaVo®

Torque wrench for SONICFLEX ,
PIEZOlux & SONOsoft, SONICflex quick

TW KAV M

KaVo®

Torque wrench for KAVO
PiezoLED & PIEZOsoft

TW MEC M

Mectron®

For all Mectron tips

TW AMD M

Amdent®

For all Amdent tips

XPEDENT ®

Follow up

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