

# Digital Intraoral X-Ray Sensor



Photon Counting  
Detector *inside*

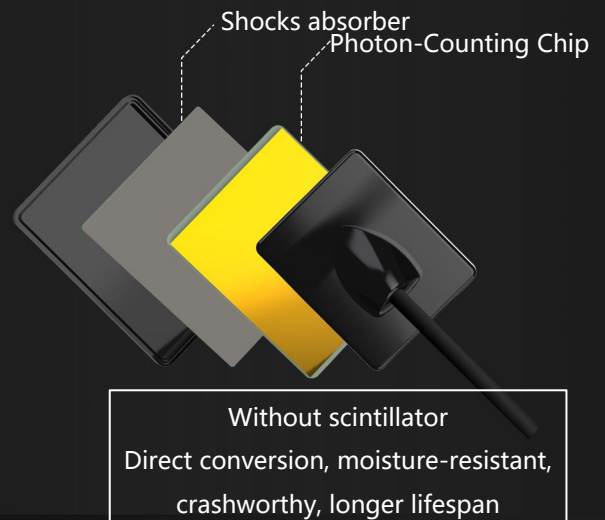
# Cutting-edge Technology

## Photon-Counting Intraoral X-Ray Sensor

**Spend Less**

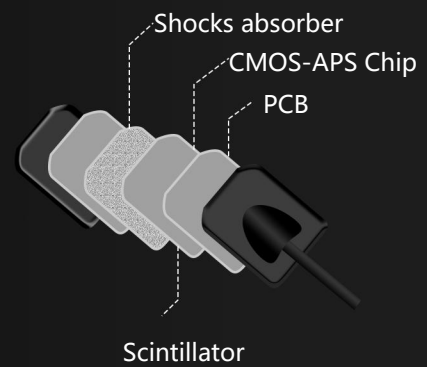
**Do More**

**Better Images**



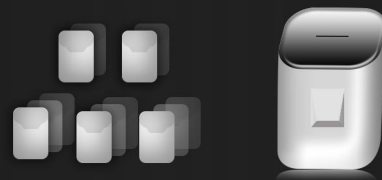
3<sup>rd</sup> Generation

CMOS-type APS Sensors



2<sup>nd</sup> Generation

PSP scanner



1<sup>st</sup> Generation

Film



4

On Sale From 2020

3

In the 1990s

2

In the 1990s

1

In the 1970s

# Spend Less

**100,000+**

Exposures without loss of imaging quality

**No consumables**

More economical and environmentally friendly

**95%**

High compatibility with X-ray units

**Free**

Licensed software for free use forever

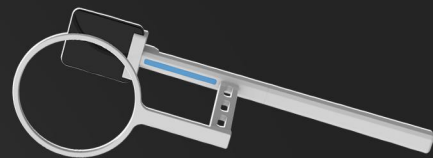
**21 x 21**



**25 x 30**



Optional sensor sizes meets the clinical needs of children and adults

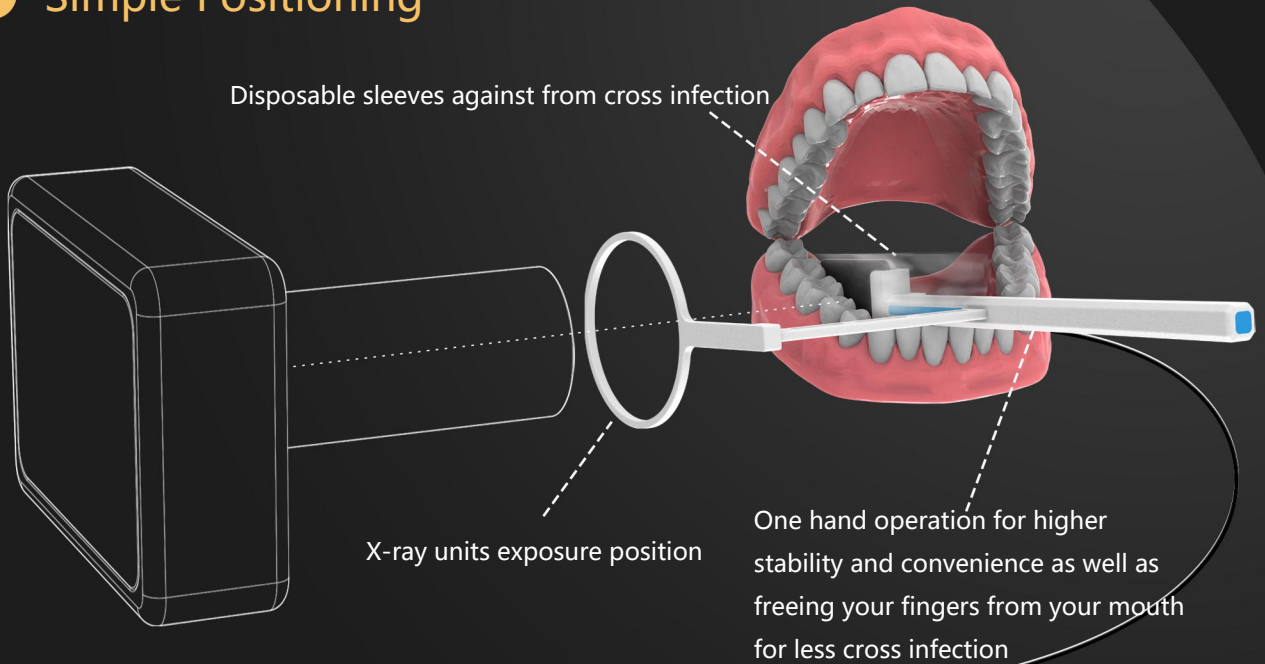


User friendly positioner for fast and accurate positioning



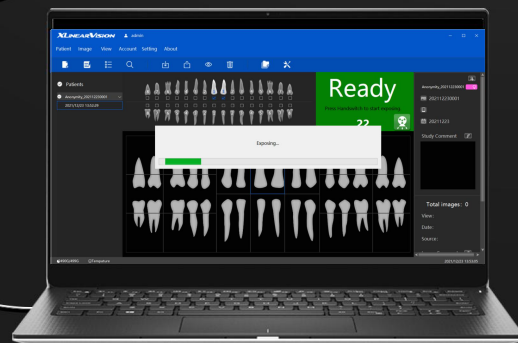
# Do More

## 1 Simple Positioning



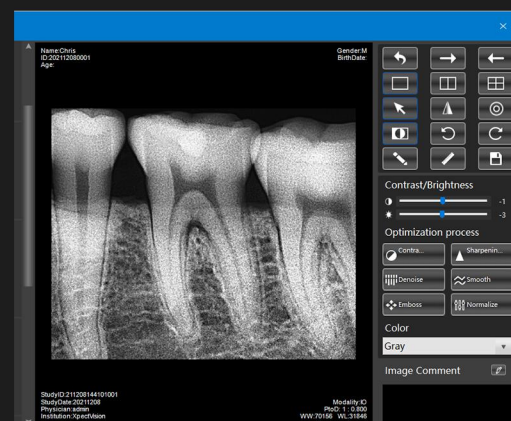
## 2 Instant Imaging

- Instant imaging for fast diagnosis
- USB 2.0 connection for sharp images
- 3 seconds for achieving images acquisition



## 3 User-friendly Software

- One click installation with no need of IP settings
- Digital case management
- Smart contrast for sharper images
- Multiple-format images sharing & remote consultation

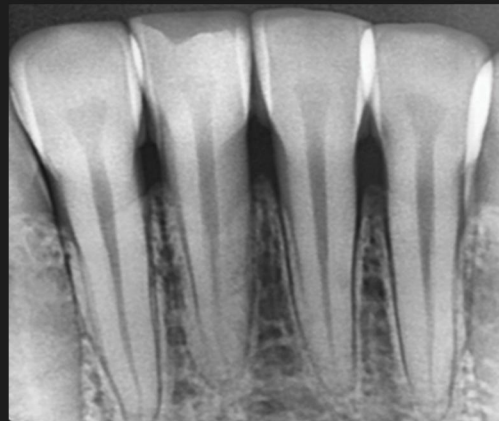


# Better Images

Dynamic range of 16 bits creates high quality images for accurate diagnosis



Periapical images after root canal filling



Periodontal ligament widening



Trabecular bone structure is clearly visible



Perfect wisdom teeth structure image

Specifications	XVD2121	XVD2530
Technology	Photon-Counting Chip Without Scintillator Direct Conversion	Photon-Counting Chip Without Scintillator Direct Conversion
Dynamic Range	16bits	16bits
Actual Resolution	12~14lp/mm	12~14lp/mm
Active Area	21*21mm	25*30mm
Dimensions	26.5*32mm	30*37mm
Thickness	5mm	5mm
Imaging Time	3S	3S
Image Format	BMP/DIR/DCM/JPEG/PNG/TIFF	BMP/DIR/DCM/JPEG/PNG/TIFF
Connection	USB2.0	USB2.0
Waterproof	IP67	IP67
Cable Length	3m (Extendable)	3m (Extendable)
Support System	Windows 7,8,10	Windows 7,8,10

