Digital Intraoral X-Ray Sensor

Photon Counting Detector *inside*
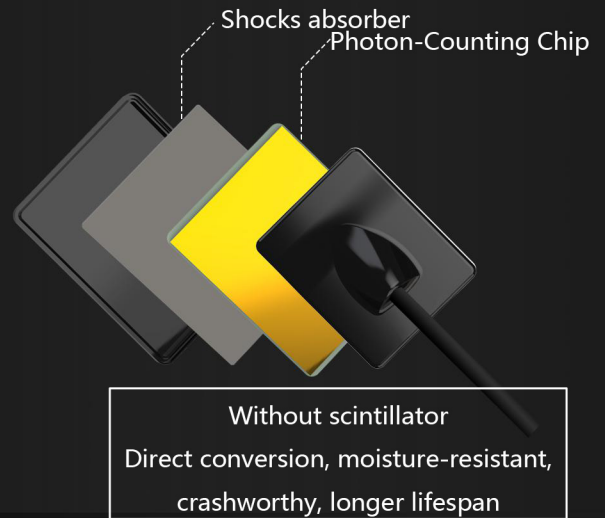
Cutting-edge Technology
Photon-Counting Intraoral X-Ray Sensor

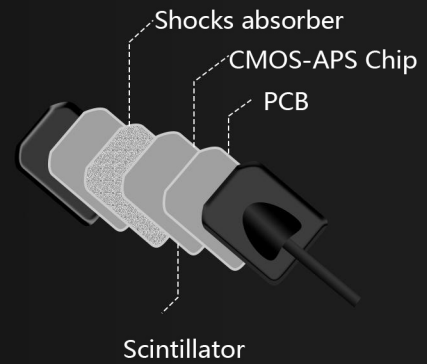**On Sale From 2020**

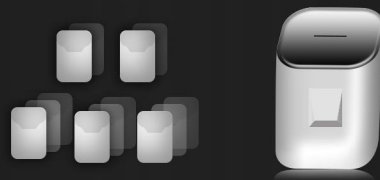**4**

Spend Less

Do More

Better Images

Shocks absorber
Photon-Counting Chip

Without scintillator
Direct conversion, moisture-resistant,
crashworthy, longer lifespan

In the 1990s

3

3rd Generation

CMOS-type APS Sensors

Shocks absorber
CMOS-APS Chip
PCB

Scintillator

In the 1990s

2

2nd Generation

PSP scanner

In the 1970s

1

1st Generation

Film

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
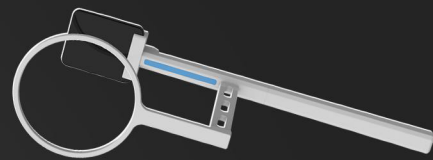Licensed software for free use forever

21 x 21   25 x 30

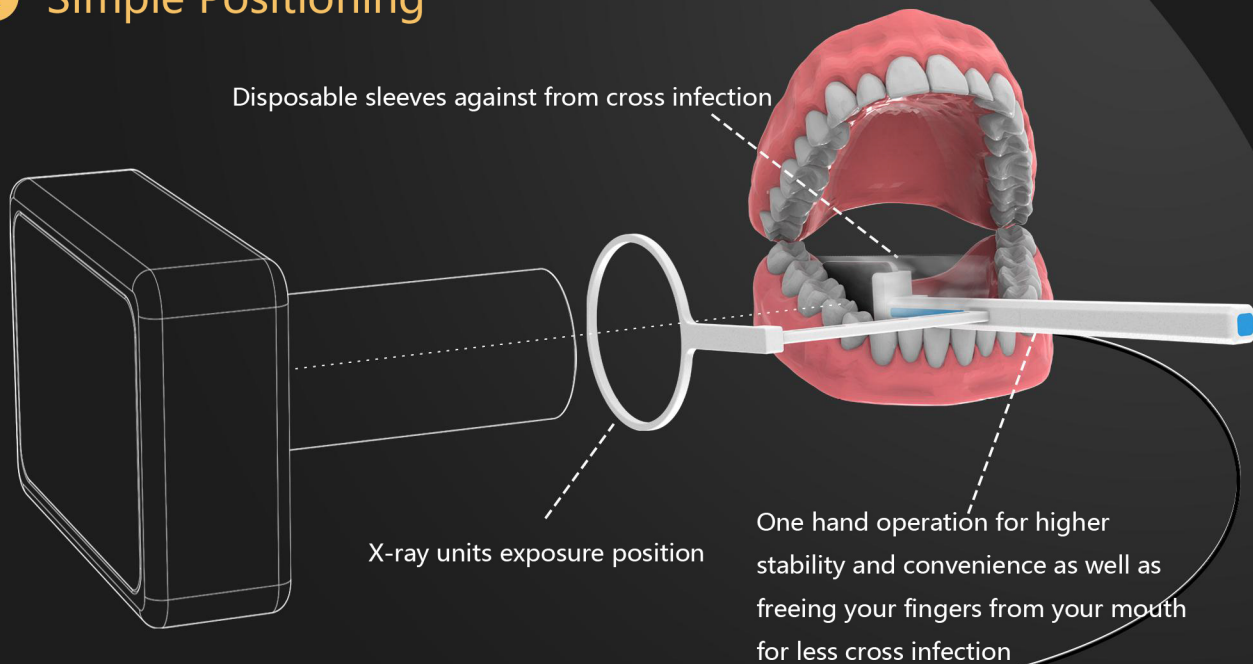Optional sensor sizes meets the clinical needs of children and adults

User friendly positioner for fast and accurate positioning

Do More

① Simple Positioning

Disposable sleeves against from cross infection

X-ray units exposure position

One hand operation for higher stability and convenience as well as freeing your fingers from your mouth for less cross infection
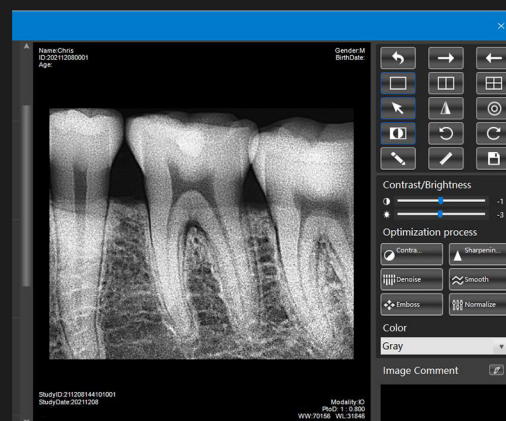
② Instant Imaging

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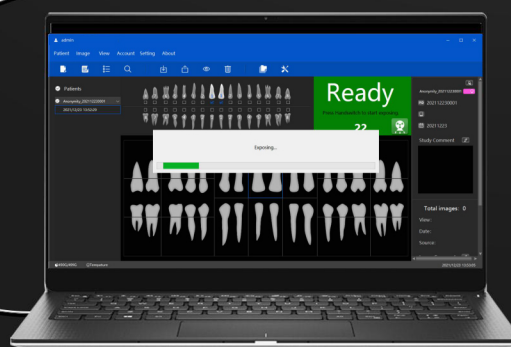
③ User-friendly Software

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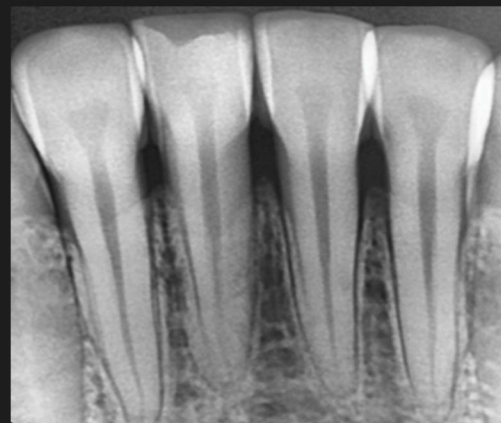- Multiple-format images sharing & remote consultation

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	Size I	Size II
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