Imaging System

Smart connection

Lifedent Digital intraoral X-Ray Imaging System

- APS CMOS Technology
- Smart AED-Compatible for variety X-Ray sources
- Direct deposition CSI – Lower dose imaging
- USB 2.0 direct connection
- Slim, rounded corner and thumb position
- IP68 – High reliability

Intraoral detector

- ☑ 2 Sizes:: universal / adult
- ☑ Comfortable: rounded corners and edges for improved patient experience
- ☑ Ultrathin: 4.4 mm digital sensor
- ☑ Durable: Reliable construction
- ☑ High Resolution (HR) or Low Dose (LD) scintillator option
- ☑ Efficient and affordable
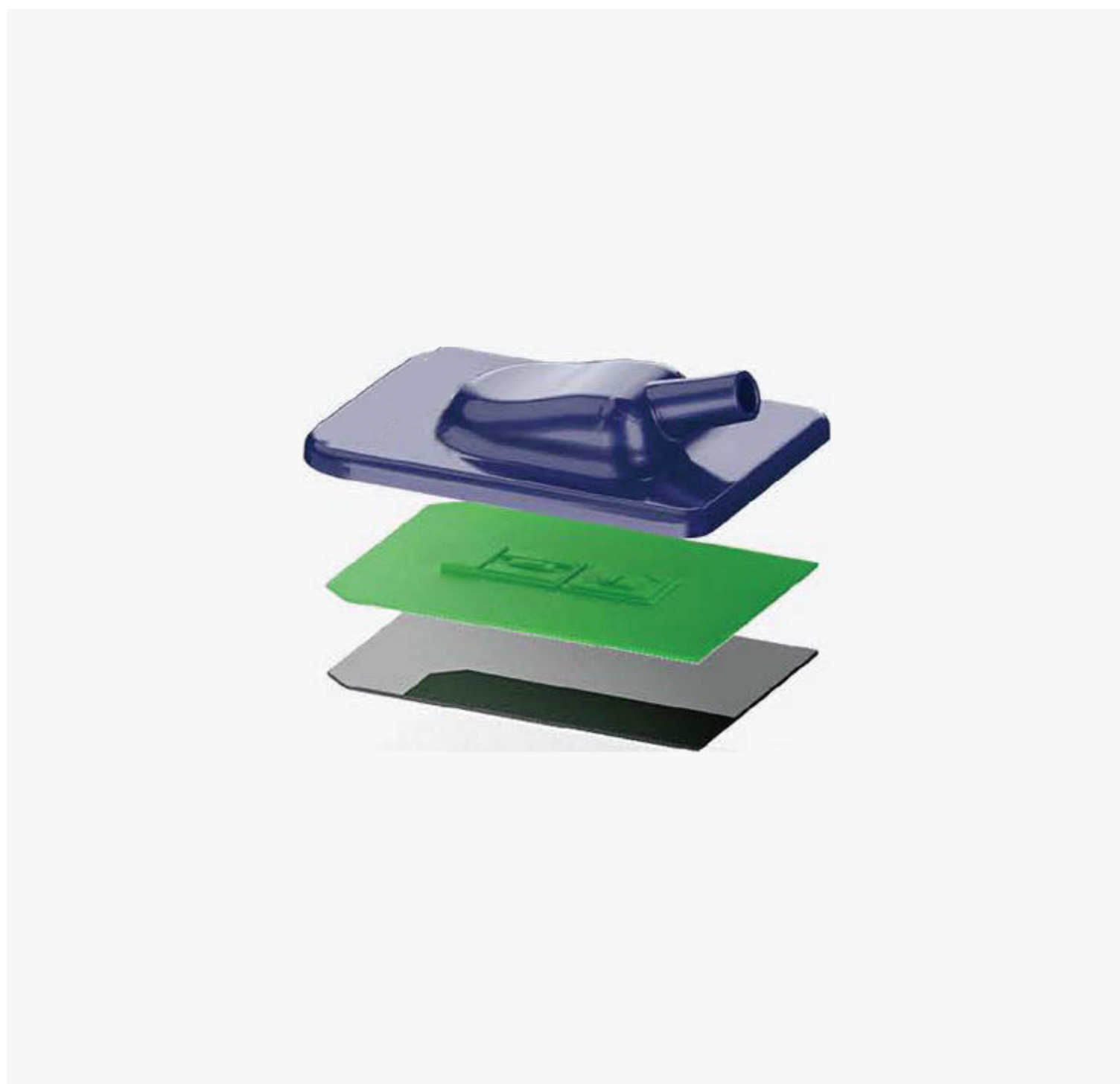
- Integrated circuit, low noise, high integration design

- The cesium iodide scintillator adopts direct evaporation and plating of cesium iodide to improve image quality and ensure low dose

- Strong protective force, IP68 high level protection, ensuring no damage due to immersion, and can be disinfected and cleaned at ease

- High reliability design, reinforced cable connection has passed more than 70000 bending tests (+ 90 °)

- Seal the protective layer, protect the scintillator and prevent deliquescence

- The edge arc chamfer design ensures the safety of detection and improves the comfort of use

Real image
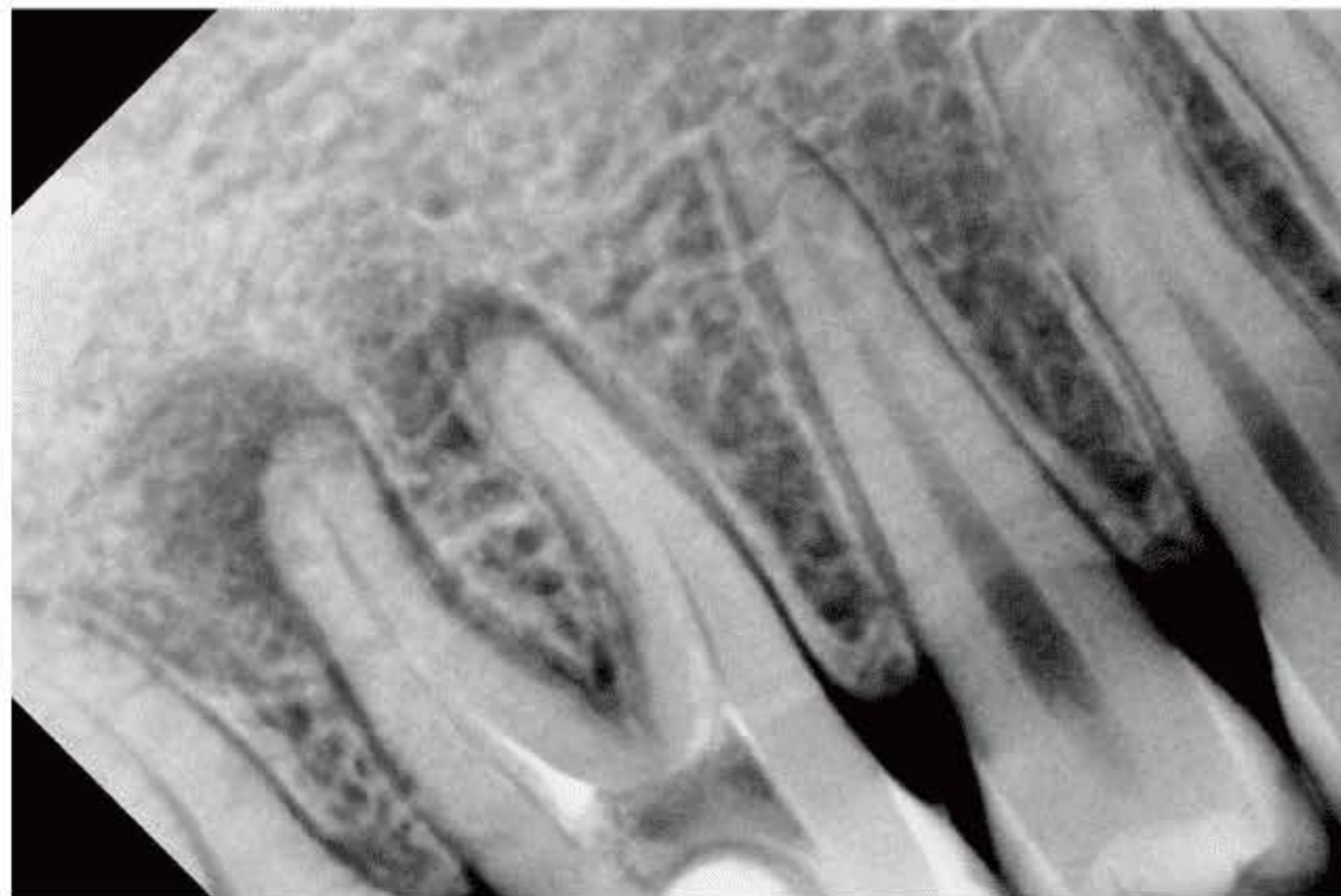
Parameters

Model	Pluto 0001X	Pluto 0002X
size (mm)	25.0 × 38.5 × 4.5	31.0 × 40.0 × 4.5
Effective imaging area(mm²)	20 × 30	26 × 36
Pixel matrix	(1.5 M) 1000 × 1500	(2.34 M) 1300 × 1800
Detector type	APS CMOS	
Scintillator type	Direct growth cesium iodide	
Line length(m)	Standard 3m, Optional 5m	
Pixel size (μm)	20	
Spatial resolution (lp/mm)	25 lp/mm	
Gray scale	16-bit, level 65535	
Exposure mode	Intelligent AED mode	
Protection grade	IP68 for Soak disinfection	
Piece function	Support TWAIN protocol	
Operating system	Windows 7 and above 32 / 64 bit	

Imaging System

Pluto 0001X

4.5 ± 0.1
25.03 ± 0.1
38.53 ± 0.1

Pluto 0002X

31 ± 0.1
4.5 ± 0.1
40.05 ± 0.1

SKYLINE
MEDICAL REQUISITES TRADING LLC
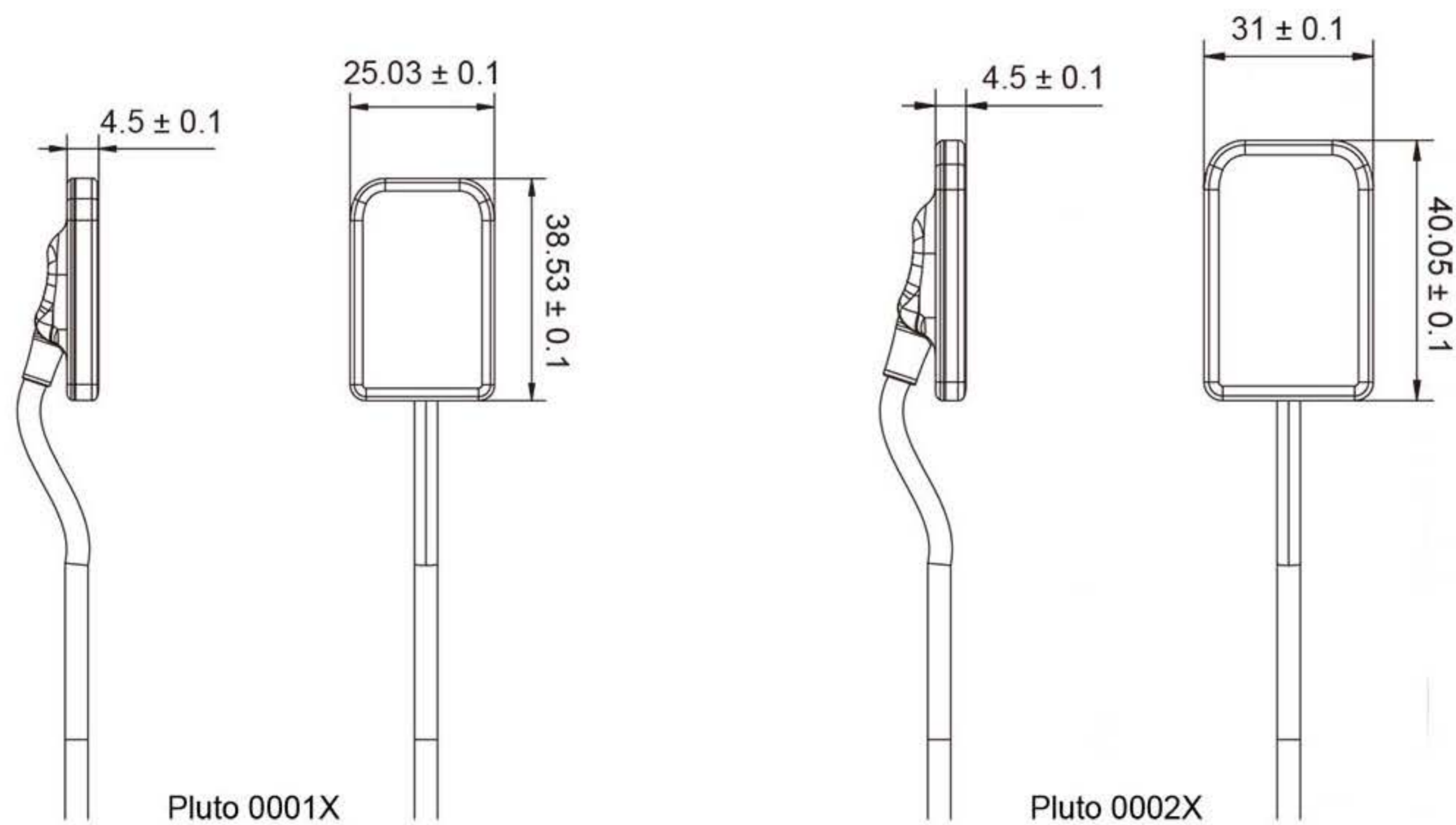
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