



FURIX

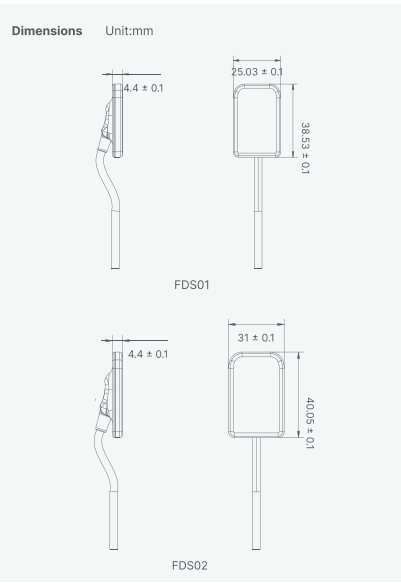
FDS01&FDS02

Pet Dental Sensors

Delicate design Outstanding performance clear

Product specification

Mechanical dimensions (mm ³)	25.0 × 38.5 × 4.4 /31.0 × 40.0 × 4.4
Active area (mm ²)	20 × 30 /26 × 36
Pixel matrix	(1.5 M) 1000 × 1500
Gray level	16 bit 65535 grade
Sensor technology	APS CMOS
Scintillator	Directly deposited CsI:TI
Length of cable (m)	Standard 3m / option 5m
Pixel pitch (um)	20
Spatial resolution (lp/mm)	Theoretical: 25 lp/mm Actual: 14 ~ 16 lp/mm (high sensitivity) 18 ~ 20 lp/mm (high resolution)
Exposure mode	Smart AED
Ingress protection	Ip68 for soak disinfection
Additional	Support TWAIN protocol
Operation system	Windows 7 and above, 32 / 64 bit



Instant imaging
3 seconds only, NO Waiting

Comfortable for patients
4.4mm thick, round corner, easy to place

Safe operation and treatment
10μSv low-dose X-ray, safe filming

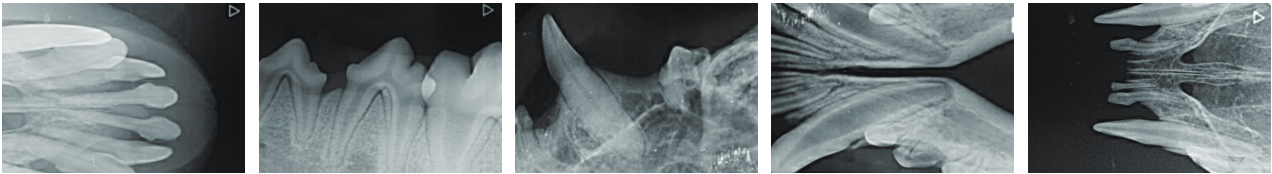
Root tip clearly visible
25lp/mm high-quality images for accurate diagnosis

Durable Kevlar outer housing : high temperature resistant and tightly sealed——IP68 protection
Reflective absorbing coating is engineered for durability.
Ceramic PCB board: large current carrying capacity and good insulation

Comfortable Round corner design, 4.4mm thickness, experience comfortable diagnosis and treatment
The corners are rounded and the edges are smoother
Advanced technology makes the thickness only 4.4mm (±0.1mm)

Security Lower exposure to radiation. Safer to everyone
The direct evaporation of cesium iodide makes the X-ray lose less.
High luminous intensity, which can produce good image quality under low-dose X-ray irradiation
Radiation of 3 pcs of dental films is equal to 1 hour flight
Going through an airport security scanner 80 times is equivalent to a single day of casual radiation exposure.
An average 7-hour plane ride exposes each passenger to approximately 0.02 mSv (or 16 small dental X-rays) Clear

Clear High-quality images to assist doctors in accurate diagnosis
APS CMOS sensor enables images with higher signal-to-noise ratio and higher resolution, resulting in higher quality images



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