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C L E A R

**Intraoral Sensor**

**Dentium**  
For Dentists By Dentists  
<https://stomshop.pro>

# 01 High Definition

“ Get **Low-dose High-resolution** ”  
images with CMOS Sensor

	Dentium	Company A
Image Size	1280x1801 ↑	1200x1650
X-ray Dose (Pixel Level 3000)	177.5 µGy ↓	451.5 µGy

\* Radiation dose is around 40% of the product compared at the same image level

- \* Comes in 2 sizes: (IOX 2.0) for adults, (IOX 1.0) for children
- \* Performance may vary depending on the X-ray generator condition (e.g. year of manufacture, battery charge level)



## 02 Flexible Cable

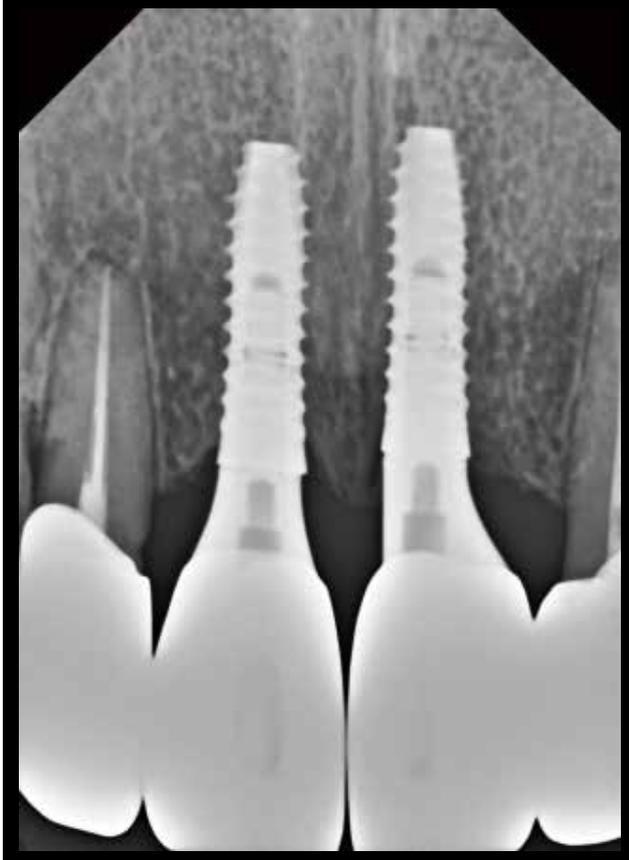
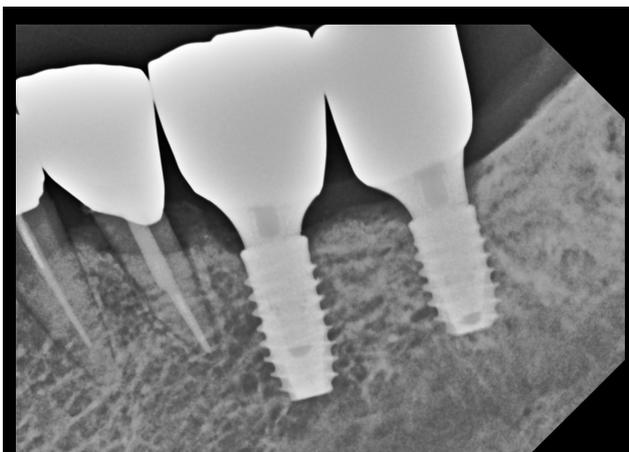
“ **Stability** proven through intensive testing ”

• **User-friendly interface**  
Direct PC connection without control box

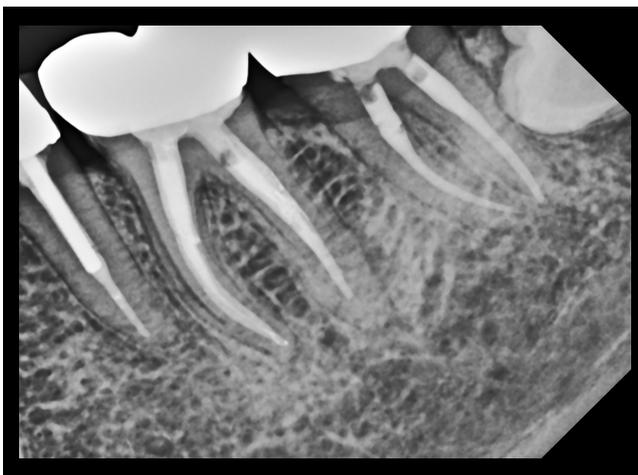
• **High durability (bending and tensile test)**  
Higher completeness through intensive testing

# 03 Clinical Case

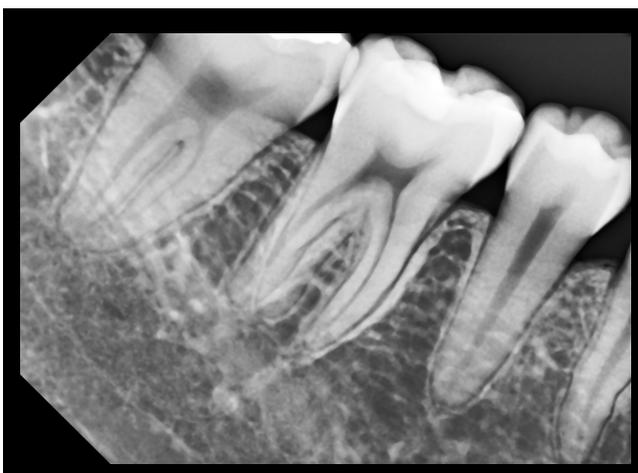
Implant Case



Root Canal Filling Case



Natural Teeth Case



# 04 Specification

	IOX 1.0	IOX 2.0
<b>Dimensions (WxLxT mm)</b>	24 x 36.7 x 5.1	29.1 x 42.6 x 5.1
<b>Pixel Pitch (μm)</b>	20 x 20	20 x 20
<b>Active Area (mm)</b>	20 x 30	25.6 x 36
<b>Number of Pixel</b>	1000 x 1500	1280 x 1801
<b>ADC (bit)</b>	12	
<b>Data Interface</b>	USB 2.0	
<b>USB Cable Length (m)</b>	2.0	
<b>Input Voltage (VDC)</b>	5	
<b>Active Power (VA)</b>	1	
<b>Ambient Temperature(°c)</b>	10~30 (Usage) -20~60 (Transportation And Storage)	
<b>Relative Humidity (%)</b>	30~95 (Usage) 10~95 (Transportation And Storage)	
<b>Air Pressure (hPa)</b>	700~1060	
<b>Protection Against Matter/Water</b>	IP68	

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# Intra-oral Sensor

*Clear!*

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1F, 5F, 9F, 10F Dentium Knowledge Industry Center, 76, Changnyong-daero 256beon-gil,  
Yeongtong-gu, Suwon-si, Gyeonggi-do

TEL 070-7098-4027, 6909 FAX 031-281-5561 [www.dentium.co.kr](http://www.dentium.co.kr)

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