



# OPTEO

DIGITAL IMAGING MADE SIMPLE  
USB DIRECT INTRAORAL SENSOR

*3<sup>rd</sup> generation*

# OPTEO

THE OPTIMUM  
MEDICAL IMAGING DEVICE  
FOR YOUR DAILY PRACTICE



## Ultra HD Image Quality

Experience unparalleled clarity with the **new 3rd-generation Opteo sensor**, featuring 18.5-micron Ultra HD quality. This advanced sensor delivers **exceptional sharp and detailed intraoral images** for a perfect quality diagnostic.



## THE CONCENTRATION OF TECHNOLOGY MAKES INTRA-ORAL IMAGING EVEN EASIER



Endodontics



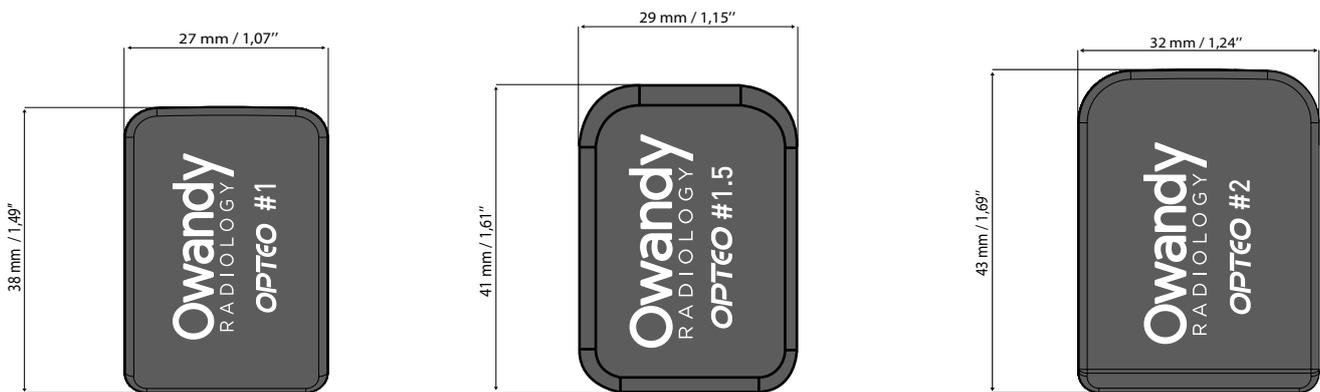
Prosthetic and  
implant surgery



Periodontics



Caries diagnosis



### New & More Suitable Size



The versatile sensor size 1.5 comes to complement existing sensor sizes 1 and 2 and acquires images with a larger area, improving diagnostic capabilities. The ability to use the sensor in a horizontal position makes it easier to acquire up to 4 teeth on an image.

### «Always On» Technology



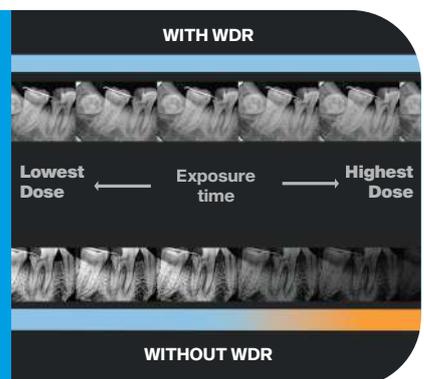
Experience enhanced user comfort with our innovative «Always On» technology. This feature ensures your Opteo sensor is ready for use instantly, eliminating warm-up time and providing a seamless workflow. With «Always On,» capture high-quality intraoral images without interruption, making your diagnostic process smoother and more reliable.



### New Technology: *Wide Dynamic Range*



Our new WDR (Wide Dynamic Range) technology significantly enhances image sharpness and ensures consistently accurate shots, regardless of exposure levels. Whether the user sends too much or too little x-ray, WDR adapts to deliver optimal image quality every time.





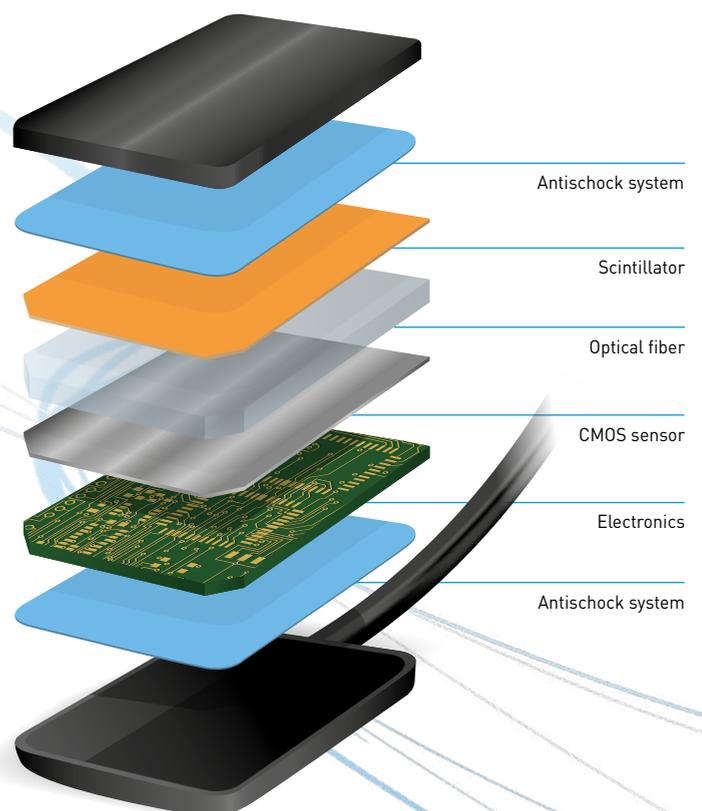
## Simple & automatic

Say goodbye to cumbersome boxes. The Opteo's direct USB connection makes its use **simple and intuitive**, whether you're operating a single station or multiple stations. This streamlined setup **reduces clutter and enhances workspace efficiency**, allowing you to focus on what matters most: **delivering exceptional patient care**. With the Opteo, you can seamlessly integrate high-quality intraoral imaging into your practice, ensuring a smooth and reliable diagnostic process.



## Reliable & robust

**The Opteo** sensor marries very high image resolution with **increased equipment reliability**. It includes a CMOS chip, fibre optics, scintillator and a shock absorption system.



## TECHNICAL FEATURES

	Size 1	Size 1,5	Size 2
Sensor	CMOS		
Fiber Optic Plate	Yes		
Scintillator	CsI:Tl		
Sensitive surface	22 x 30 mm (660 mm <sup>2</sup> )	24 x 33 mm (790 mm <sup>2</sup> )	26 x 35 mm (910 mm <sup>2</sup> )
Pixel Size	18,5 x 18,5 μm		
Sensor resolution	27 lp/mm		
Connetion	Direct USB: High-Speed USB 2.0 and USB 3.0		
Operation System	Windows 10/11		



**Atraumatic  
& ergonomic**



**Simple & automatic**



**High-definition & precision**



**Fully adapted to all  
your clinical practices**



**Reliable & robust**



# DIGITAL WORKFLOW OWANDY RADIOLOGY

A COMPREHENSIVE RANGE TO MEET ALL YOUR REQUIREMENTS

CEPHALOMETRIC  
UNITS



2D/3D UNITS



HF-INTRAORAL  
GENERATOR



INTRAORAL PLAQUE  
SCANNER



EXPORT TO  
3D PRINTER



SURGICAL  
GUIDE



DIRECT USB  
SENSORS



DIGITAL USB  
INTRAORAL CAMERA



FACE SCAN  
.PLY IMPORT



3D INTRAORAL  
SCANNER

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