OR 4Vet
Multimodal diagnostic imaging that inspires.

Medici DR Dental System

CMOS dental detector Pluto Size 2

High image quality & ease of use for your veterinary practice

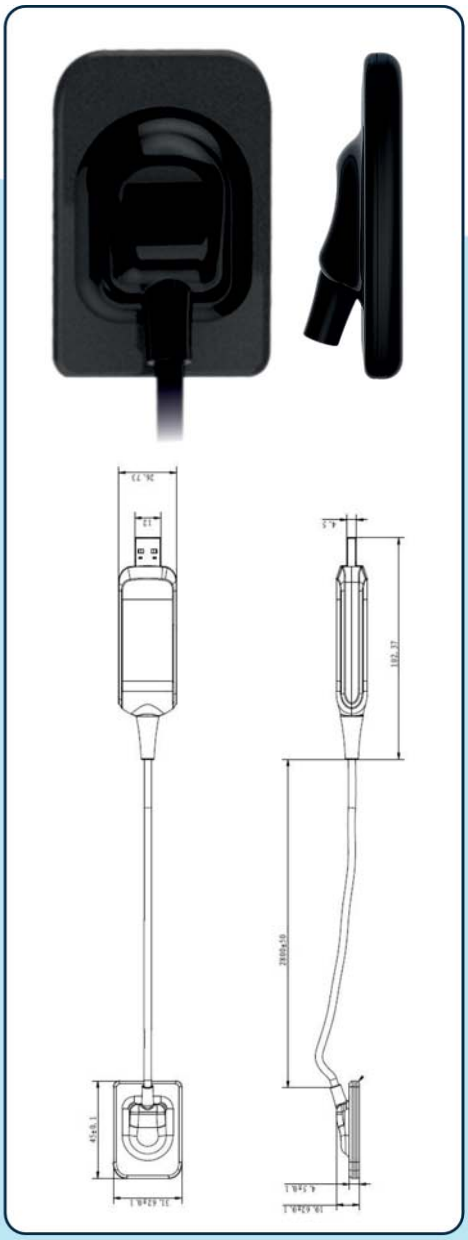
OR Technology

The expert by your side.

CMOS dental detector Pluto Size 2

The Pluto Size 2 is a digital intraoral sensor and has a CMOS sensor with a resolution of 20 µm. The sensor's CsI scintillator ensures optimal resolution. The sensor is an easy-to-use X-ray detector with cable and is dust and waterproof (comparable to IP68).
The Pluto Size 2 has an ergonomic design with smooth edges, rounded corners and a flexible cable for maximum patient comfort.
An easy-to-use high-speed USB interface allows easy connection to a PC without the need for an additional control unit.

- CMOS detector technology
- Low dose clinical imaging
- High resolution of 20 µm
- Wide dynamic range
- Slim, rounded corners and smooth edges
- Direct USB connectivity
- AED trigger, quick and easy workflow
- Durable materials and components
- Effective Imaging Area: 36 mm x 26 mm



Parameter

Sensor	
Detector Technology	CMOS
Scintillator	Direectly deposited CsI:Tl
Sensor size	40 mm x 31 mm x 4.5 mm
Effective Imaging Area	36 mm x 26 mm
Image Matrix	1800 x 1300 pixels
Pixel Pitch	20 µm
AD Conversion	16 bit
Spatial resolution	16 lp/mm
Ingress Protection	IP68 (the highest point of enclosures with a height greater than 1000mm below the surface of water, and the duration of the test is more than 30 minutes)
Sensitivity	>40 lsb/uGy
Trigger sensitivity	<100 uGy/s
Max linearity dose	>300 uGy
Length of cable	2.8m + - 50mm
Interface	USB 2.0
Power	<2W

Environmental	
Operating Temperature	10~35 °C
Storage & Transport Temperature	-10 to 55 °C
Operating Humidity	20~90% RH
Storage & Transport Humidity	10~95% RH
Operating Atmospheric Pressure	70 to 1060 kPa
Storage & Transport Atmospheric	70 to 1060 kPa

Specifications subject to revision without notice

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Version: OR003777-004_11_2025

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