



OR 4Vet

Multimodal diagnostic imaging  
that inspires.

# Medici DR Dental System

## CMOS dental detector Size 4

High image quality & ease of use for your veterinary practice



 OR Technology

INSTANT DIAGNOSTIC IMAGING.

# CMOS dental detector Size 4

This dental detector enables high-resolution images – even hairline cracks in teeth become visible. The size 4 sensor offers an imaging area of 46.7 × 67.3 mm. Thanks to its large dynamic and exposure range, clear, detailed images are produced with minimal effort. The sensor can be easily connected to a PC via a fast USB interface without the need for a separate control unit.

## Specification

- CMOS detector technology
- Low-dose clinical imaging
- High resolution of 18.5  $\mu\text{m}$
- Wide dynamic range
- Flat, rounded corners and smooth edges
- Direct USB connectivity
- AED trigger, fast and easy workflow
- Durable materials and components
- Imaging area: 46.7 x 67.3 mm
- Table mount for a flat support surface for the X-ray examination of small animal extremities

## Parameters

Sensor	
Detector Technology	CMOS
Scintillator	GOS
Sensor size	77.1 mm x 53.8 mm x 6.5 mm
Effective Imaging Area	46.7 mm x 67.3 mm
Image Matrix	2524 x 3640 Pixel
Pixel Pitch	18.5 $\mu\text{m}$
AD Conversion	14 bit
Spatial resolution	High configuration: $\geq 14$ lp/mm Standard configuration: $\geq 10$ lp/mm
Interface	USB 2.0

Umgebungsbedingungen	
Operating Temperature	10~40 °C
Storage & Transport Temperature	-25 bis 60 °C
Operating Humidity	$\leq 93\%$ RH
Storage & Transport Humidity	10~93% RH
Operating Atmospheric Pressure	860 bis 1060 hPa
Storage & Transport Atmospheric	60 bis 1060 hPa



Specifications subject to revision without notice

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