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<https://shop.tecnomeditalia.com/en/product/rvg-tecnoray-digisens-intraoral-sensor-30x20mm-sensor-with-archimed/>



## Rvg Tecnoray Digisens intraoral sensor, 30x20mm sensor, with ArchiMED

Rvg Tecnoray Digisens intraoral sensor, with 30x20mm sensor, ArchiMED software included with 10 licences, with usb dongle

**3.442,50 €**

**Available on request**

**SKU:** RVG08T

**Categories:** Sensors and PSP scanner

### Description

Rvg Tecnoray Digisens intraoral sensor, 30x20mm

The best CMOS technology with an ergonomic design able to adapt easily the anatomy of the oral cavity. DIGISENS HD is an innovative, flexible, very resistant sensor able to produce high quality images.

DIGISENS HD is Immediately Operative

- Easy to install, handle and transport
- It produces high quality 28 l/p images in real time.
- Images can be stored in your PC, saving space and time.
- Our Imaging Software can easily manage images stored.

DIGISENS HD Advantages

Our Intraoral sensor produces perfect, high quality images with excellent resolution (28l/p) without the use of traditional films, no waiting and with very short exposure time. Images are directly sent to your screen.

Our Imaging Software is a dynamic and intuitive system. It guides the user through its practical content by rapidly highlighting its essential functions.

Technical features Rvg Tecnoray Digisens intraoral sensor, 30x20mm.

Active area	30 x 20 mm
Pixel size	20 x 20 ?m
Pixel shape	Square
Number of Pixels	1666 x 1110
Distance between pixels	18 ?m
Spatial resolution	28 lp/mm typ
Dynamic range	58 dB
Scintillator type	FOS (FOP + Csl)
Connection to PC	USB 2 (A type) cable 2.7 mt
Supply voltage	5 V DC from USB
Maximum absorbed current	275 mA

Frame rate	0,7 fps
Dark current typical @25°C	350 LSB/s
Saturation dose (@70 kV)	340 ?Gy
Sensitivity	15 LSM/?Gy
X-Ray response non uniformity (XRNU)	+30%
Maximum absorbed dose	50 Gy
Degree of Protection	Equivalent to IP67
Operating temperature	0 ÷ 35°C