

Designed for patient comfort

Two sizes of sensors with a large active area provide you with the necessary means for all intraoral diagnostic procedures. The rounded corners of the sensors make the imaging easy and convenient. The variety in our accurate and easy-to-use sensor holders reduces the number of retakes and allows successful images with all crucial information.

A proven leader in dental imaging



Why CMOS?

- Lower noise ensures razor-sharp images
- Low power consumption ensures a continuous workflow throughout the day
- Small, 19µm pixel size provides high resolution
- CMOS chip will not bloom even in the event of overexposure

Why Wi-Fi (WLAN)?

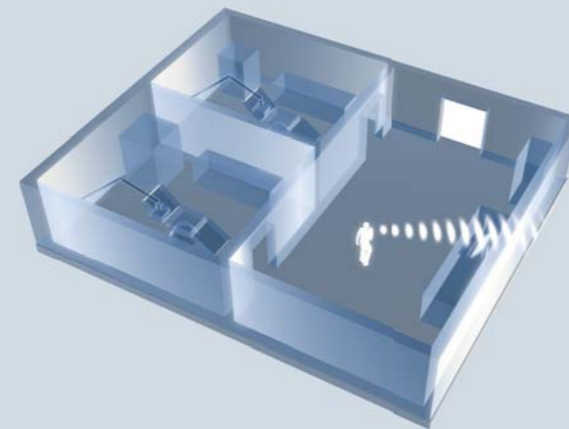
- Wireless network covering the entire practice provides complete mobility
- Standardized, widespread and commonly available technology
- Secure and trustworthy connection ensures the protection of privacy

Complete mobility – more efficiency

Workflow efficiency

Easy positioning and placement simplify your daily routines and let you concentrate on working more efficiently. The integrated Wi-Fi (WLAN) transmitter of the SIGMA™ M allows you to locate the operating computer

practically anywhere in the operatory. A firm magnet attachment lets you place the sensor wherever is most convenient for you. Customize freely your working area for unparalleled workflow efficiency.



One SIGMA™ M serves the entire practice

The SIGMA™ M brings efficiency to a whole new level with wireless communications. Seamless integration with our CliniView™ software allows the SIGMA™ M to be transferred from room to room so easily that you do not need to think about it. Wi-Fi (WLAN) technology lets you create a wireless network covering the entire practice.



A unique design for maximal usability

Compact sensor unit – free positioning

The innovative yet small sensor unit can be placed conveniently on the tube head of any intraoral x-ray unit with a unique magnet attachment. The SIGMA™ M is always where you need it, neatly close to the patient.

Ideal cable length – ease of use

SIGMA™ M with a perfect cable length eliminates the potential of the cables getting twisted or lying on the floor in danger to be damaged. The practical design of the sensor unit with its optimal cable length makes intraoral imaging easier than ever.



Unsurpassed image quality

The new, sophisticated SIGMA™ M sensor design produces up to 20 lp/mm true resolution (26,3 lp/mm theoretical). You get razor-sharp images, with the low noise typical of CMOS technology. This provides uncompromised diagnostic visibility and unsurpassed image quality. A wide dynamic range and an anti-blooming CMOS chip ensure successful images time after time.

You can distinguish up to 20 lp/mm from an image when using CliniView™ software.



SIGMA™ M

Technical specifications

SENSOR UNIT

Battery:	rechargeable
Battery durability:	200 images when fully charged
Connection:	Wi-Fi (WLAN) or USB (USB-B port connector)
Power supply:	Internal battery powered or USB port

DIMENSIONS Sensor unit

Width:	60 mm / 2,36 inches
Length:	102 mm / 4,01 inches
Thickness:	22 mm / 0,87 inches
Operating software:	CliniView™ 6.4 or later
Operating system:	Windows® XP, 2000 or Vista
PC requirements:	Standard PC with a 802.11b/g wireless LAN capability

Instrumentarium Dental develops and manufactures premium quality dental imaging solutions. Present models of legendary Orthopantomograph® – OP200, OC200, OP200 D and OC200 D – serve demanding panoramic and cephalometric diagnostic needs both in film and digital environment. FOCUS™ x-ray and SIGMA™ M sensors combine an intelligent solution for advanced intraoral imaging.

Instrumentarium Dental reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. Contact your Instrumentarium Dental Representative for the most current information.

CE marked according to Medical Device Directive (MDD) 93/42/EEC (NB 0537). Electrical safety according to IEC 60601-1. Operations comply with ISO 13485:2003, ISO 9001:2000, and ISO 14001:2004.



SENSOR

Technology:	CMOS (CMOS)
Pixel size:	19µm x 19µm
Housing sealing:	watertight (IP67)
Resolution:	26,3 lp/mm theoretical

DIMENSIONS Sensor size 1 Sensor size 2

Active area:	1580 x 1050	1920 x 1360	pixel
Active area:	30,0 x 20,0	36,5 x 25,8	mm
Housing:	37,4 x 25,6	43,7 x 31,1	mm
Cable length:	nominal 40 / 15,75	nominal 40 / 15,75	cm / inches

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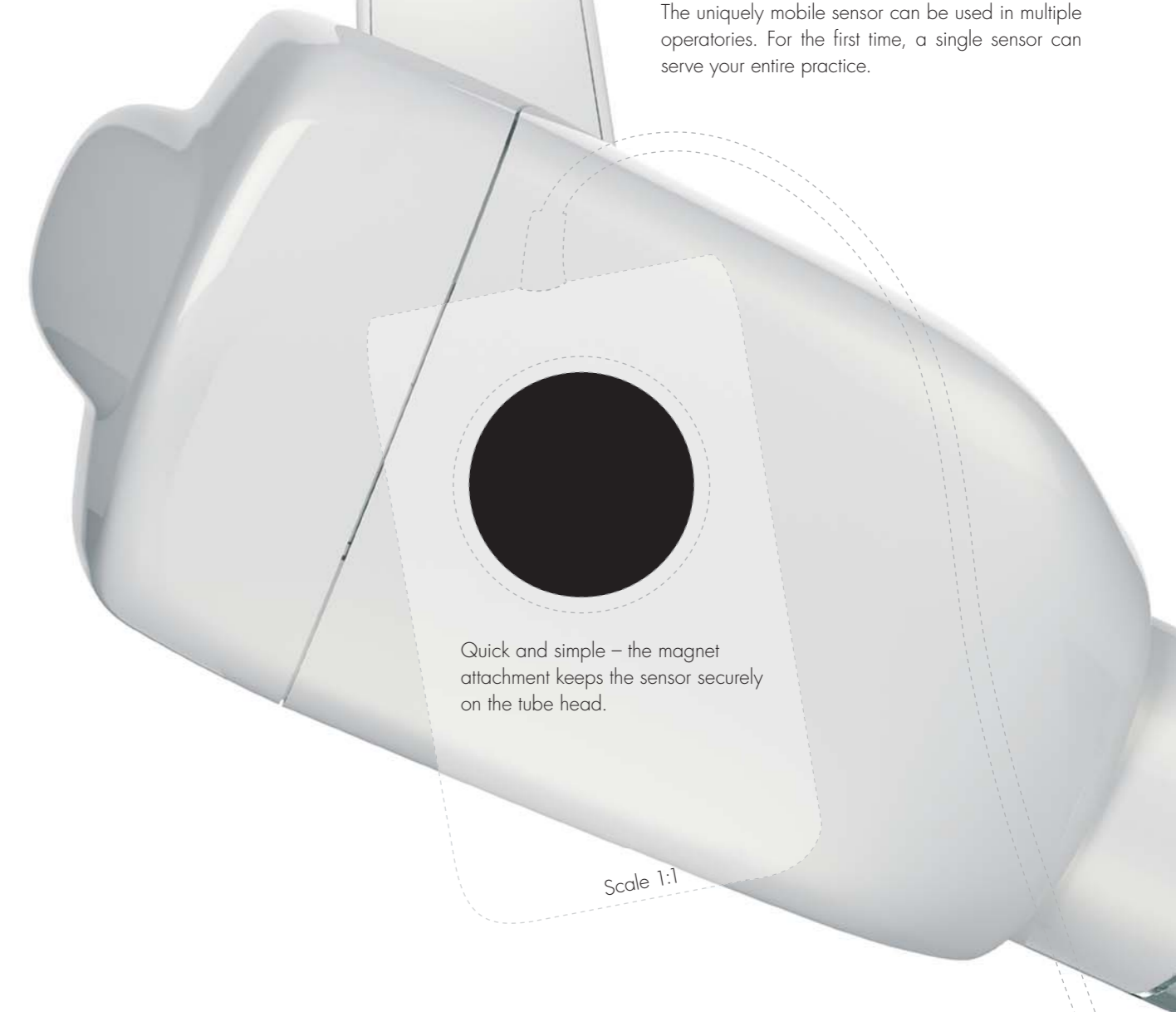
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SIGMA™ M

Bring a new generation in usability to your digital intraoral imaging – with the new SIGMA™ M sensor. Innovative compact electronics and wireless image transmission make using the sensor quick and easy, and increase your workflow efficiency. The uniquely mobile sensor can be used in multiple operatories. For the first time, a single sensor can serve your entire practice.



Quick and simple – the magnet attachment keeps the sensor securely on the tube head.

M sensors
Complete mobility

SIGMA™ M sensors
Complete mobility