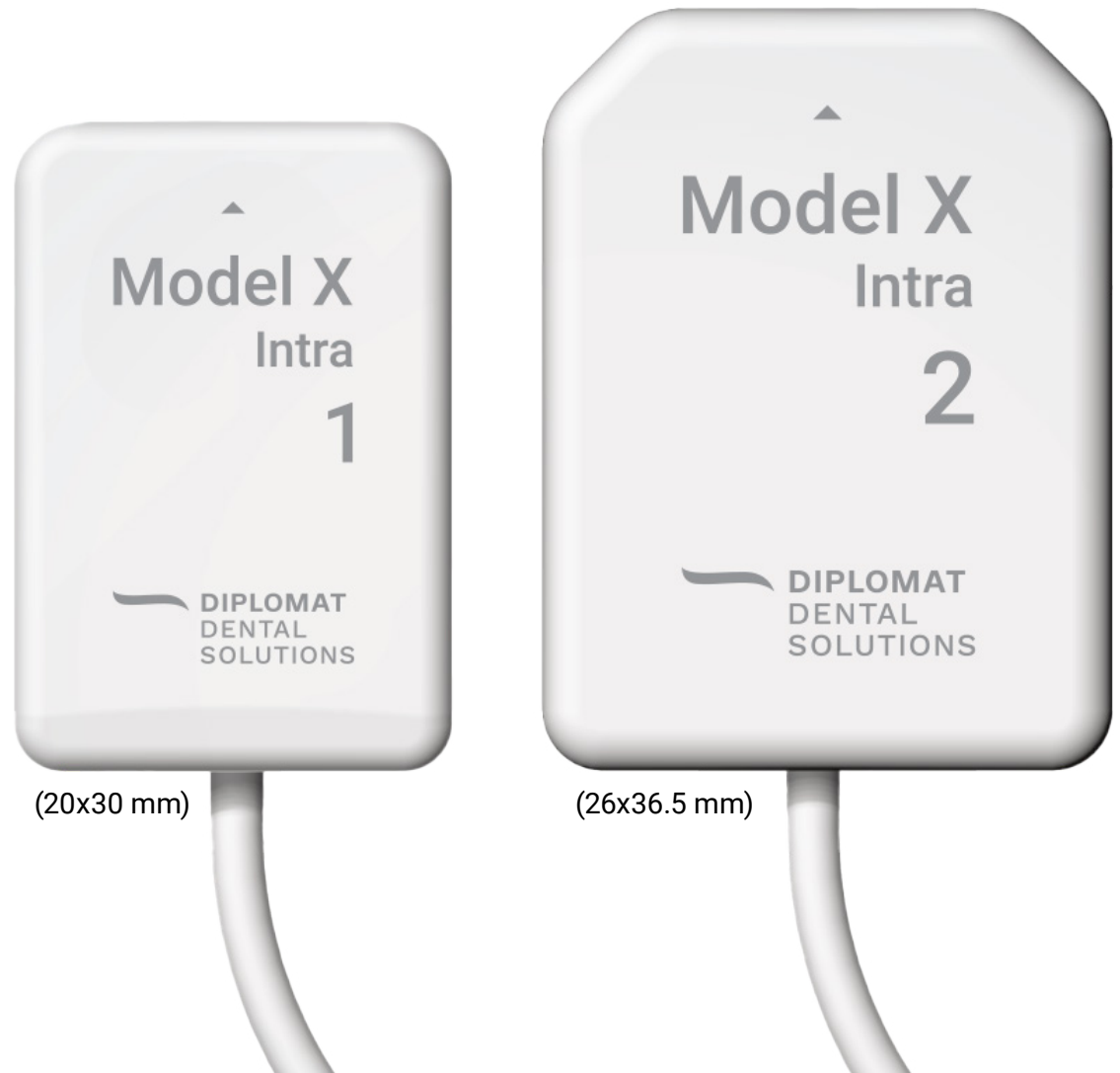


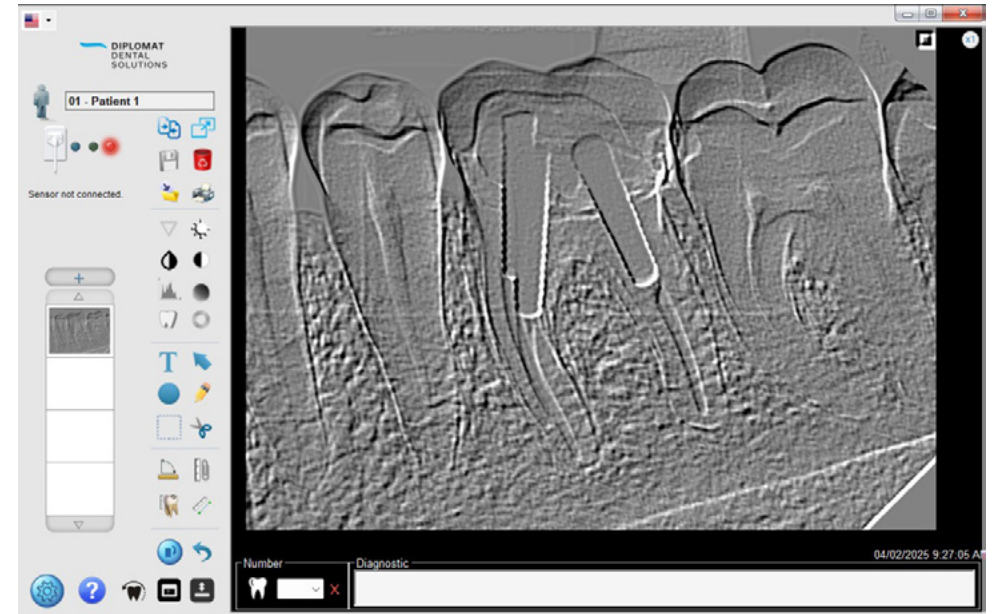
Diplomat Intra Sensors.

Digital imaging made easy.

Diplomat Intra 1 & Diplomat Intra 2.

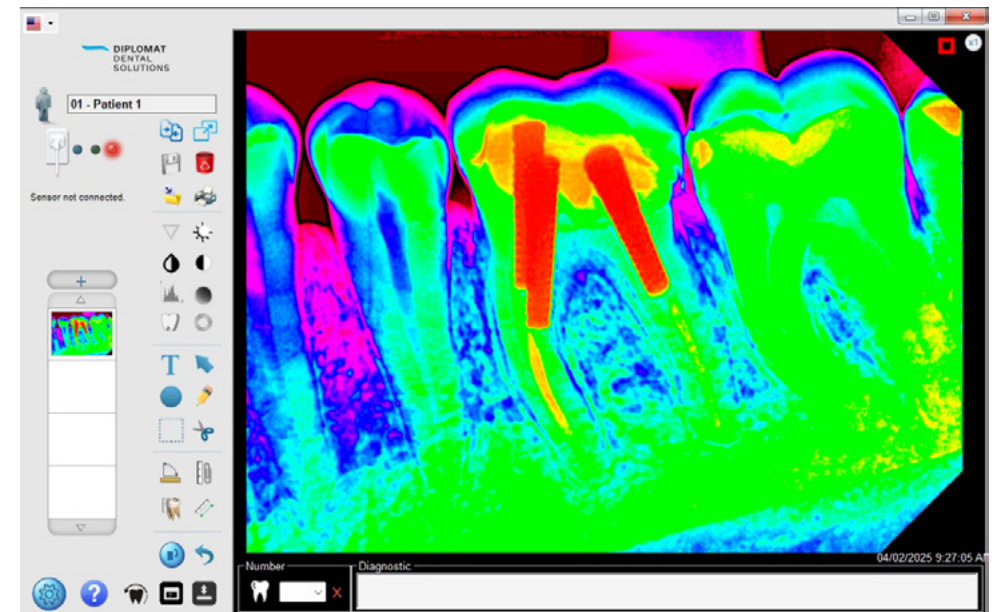
Advanced intraoral sensors designed to streamline your workflow and elevate diagnostic precision. Say goodbye to traditional film and experience a faster, more efficient, and eco-friendly way to capture high-definition images.





Boost your workflow with smart software features.

- Instantly capture and organize images in real-time.
- Wide range of editing tools: zoom, brightness & contrast adjustment, measuring tools, annotations, and full-screen comparison.
- DICOM export for seamless image sharing and documentation.
- Monitor calibration test for optimized image clarity.
- Easy image import from other exams (panoramic) and patient photos.



Why choose Diplomat Intra sensors?

Exceptional image quality.

Capture crisp, high-resolution images with 25 lp/mm theoretical resolution and 12-bit grayscale for accurate diagnostics.

Two sensor sizes for flexibility.

Choose Diplomat Intra 1 (20x30 mm) or Diplomat Intra 2 (26x36.5 mm) to suit various clinical cases.

Effortless integration.

Compatible with most X-ray equipment and designed for seamless operation with an intuitive, plug-and-play software.

Durable & ergonomic design.

Internal silicone finish and beveled edges for enhanced patient comfort, plus a 3-meter replaceable cable for long-term reliability.

Time-saving & cost-efficient.

No need for radiographic film, developer, or fixer — reduce operational costs while improving efficiency.

Characteristics of the sensor.

Size*	1	2
Sensor resolution (pl/mm)	25	25
External dimensions (mm)	24.7 x 38.3 x 5.6	30.6 x 44.2 x 5.6
Active surface dimensions (mm)	20 x 30	26 x 36
Matrix dimension	1000 x 1500	1300 x 1800
Pixels number (MegaPixels)	1.50	2.34
Technology	CMOS	CMOS
Gray level	4096	4096
Image resolution	12 bits	12 bits
Image format	TIFF, JPG, PNG, BMP DICOM	TIFF, JPG, PNG, BMP DICOM
Optical Fiber	1	1
Weight	65 g	70 g
Connection	USB2 – High speed	USB2 – High speed
Cable lenght	3m +/- 0.5m	3m +/- 0.5m

* Order on request.

Environmental conditions for transportation and storage.

Room temperature range for transportation and storage	+4°C to +40°C
Relative humidity range for transportation and storage	< 85% RH
Atmospheric pressure band	797 hPa to 1013 hPa (598 mmHg to 760 mmHg)

Conditions for installation and operation of the equipment.

Operating room temperature band	+10°C to +30°C
Operating relative humidity range (non-condensing)	< 75% RH
Atmospheric pressure band	797 hPa to 1013 hPa (598 mmHg to 760 mmHg)
Operating altitude	≤ 2000 m



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