

Planmeca ProSensor® HD



Experience usability like never before

Our innovative **Planmeca ProSensor® HD** intraoral sensor offers a unique combination of unparalleled image quality, patient-centred design, and usability. The sensor has been designed to last and provides durability that can be counted on.

Cutting-edge image quality

With a true resolution of over 20 lp/mm, **Planmeca ProSensor® HD** offers real HD image quality. Supporting detailed diagnosis, the advanced imaging sensor with a fibre-optic layer captures sharp, low-noise and high contrast images. The wide dynamic range of the sensor ensures successful results each and every time.

Patient-centred design

To fulfill all intraoral imaging needs, Planmeca ProSensor HD is available in three different sizes. The rounded sensor edges make procedures comfortable for patients, with outstanding images ready in a matter of seconds.

Intraoral X-ray unit integration

The seamless integration of Planmeca ProSensor HD with the **Planmeca ProX™** intraoral X-ray unit ensures convenience and efficiency at every step. The sensor is easy to connect using just one hand.

High-end usability

The intraoral sensor's magnetic connector makes it easy to attach, with its white colour enhancing visibility to further ease positioning. The sensor's elegant control box is equipped with a colour-coded LED light that provides instant visual feedback of the imaging procedure, while its hermetically sealed housing ensures effective infection control.

Each layer carefully designed for perfection

Intraoral sensors are naturally subject to wear and tear in daily use, but Planmeca ProSensor HD has been built to last. The sensor's carbon fibre plate prevents bite marks, its shock protection layer guards against minor damage, and its strengthened cable further improves durability.



	Size 0	Size 1	Size 2
Sensor size	33.6 x 23.4 mm (1.33 x 0.92 in.)	39.7 x 25.1 mm (1.56 x 0.99 in.)	44.1 x 30.4 mm (1.76 x 1.2 in.)
Active area	25.5 x 18.9 mm (1.0 x 0.74 in.)	30.6 x 20.7 mm (1.20 x 0.81 in.)	36 x 26.1 mm (1.42 x 1.03 in.)
Number of pixels, normal	850 x 629 px	1020 x 690 px	1200 x 870 px
Number of pixels, high	1700 x 1258 px	2040 x 1380 px	2400 x 1740 px
Pixel size	normal: 30 µm x 30 µm, high: 15 µm x 15 µm		
Theoretical resolution	33 lp/mm		
Resolution, normal	normal: 17 lp/mm, high: >20 lp/mm		
Interface	USB or Ethernet		
View delay	<5 sec.		

Planmeca ProSensor® HD in a nutshell

- True resolution of over 20 lp/mm
- Sharp and low-noise images with high contrast
- Wide dynamic range
- Three sensor sizes with rounded edges
- Magnetic connector for ease of use
- Colour-coded LED light on control box for instant visual feedback
- Integration with the **Planmeca ProX™** intraoral X-ray unit
- Fully compatible with Windows and Mac
- Plug and play USB version
- Five-year warranty program – two years upon registering the product with the opportunity to purchase three additional years



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