

KaVo ProXam iS
A simplified workflow for
compelling image quality.

The digital, intraoral KaVo ProXam iS X-ray sensors have a lot to offer: in addition to reliable, high-quality image results, they score points with their small size and patient-friendly design. And in combination with the KaVo ProXam iX, the simple application makes them even easier to use.

KaVo ProXam iS

Impressive image quality.

Thanks to their large dynamic range, the KaVo ProXam iS sensors consistently deliver high-quality images, regardless of whether the radiation dose is high or low. The recordings are in HD quality and, thanks to the small pixel size of 15 µm and the high resolution of over 20 lp/mm, they offer the optimal combination of noise level and contrast for a detailed diagnosis.

Perfect results through careful construction of each individual layer:

White housing – easier positioning due to better visibility

Carbon fibre plate – protection from bites and other external impacts

Shock-absorbing layer – drop and impact protection

Scintillator – guarantees sharp images

Fibre optic board – high signal-to-noise ratio and high modulation transfer function

Optical coupling – vivid images over the entire image area through perfect optimisation and control

CMOS image sensor – HD camera

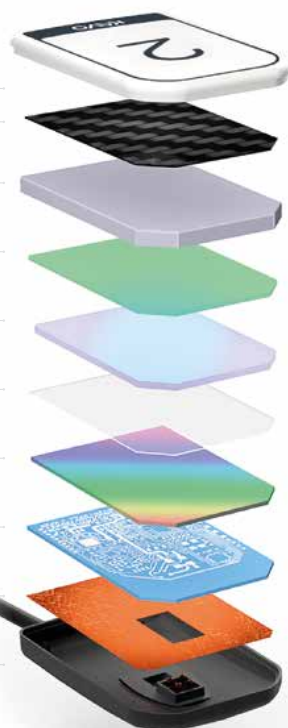
LTCC electronics – robust sensor

Protection against backscatter – reliable patient protection and sharper images

Cable – premium durability with Kevlar coating and only two cores

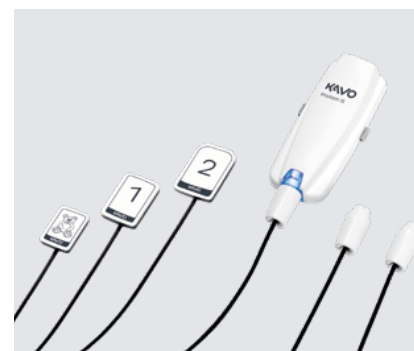
Solid, reliable and durable.

The KaVo ProXam iS sensors are particularly robust, have high-quality workmanship and are also covered with a protective glass fibre layer. The sensor cable is reinforced and therefore ideally suited to continuous daily use.



Find out more:
www.kavo.com/en/is

Well thought-out, from A to Z.



The total KaVo package.

Each KaVo ProXam iS X-ray unit is factory-prepared for easy integration and use of the KaVo ProXam iS X-ray sensors. As a result, optional retrofitting is extremely easy and is possible without the need for time-consuming cable laying on the unit. Thanks to the magnetic interface, the sensor can be attached with one hand. In this way, the sensor size can be changed quickly and easily, or the sensors can be easily transported from room to room.

Hygiene safety.

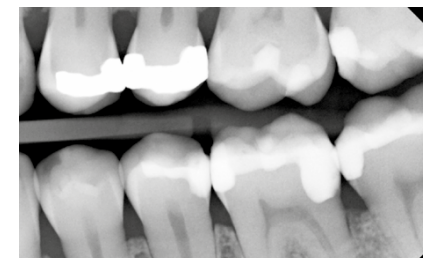
Suitable hygienic protective covers are available for the KaVo ProXam iS sensors, for easy, safe hygiene.

These sensors are a symbol of greatness.

The KaVo ProXam iS sensors are available in three different sizes:

- Size 0 – for use with children, for example, for single tooth or bitewing exposures.
- Size 1 – ideal for exposures in the anterior region.
- Size 2 – suitable for bitewing shots, for example.

The optionally available right-angle holders support the safe and easy positioning of the sensors in the oral cavity. They are also available in three different sizes: 0, 1 and 2 to match the sensors.



Full flexibility for many options.

There are two different installation options for the ProXam iS sensors. The sensors are either integrated directly into the KaVo ProXam iS X-ray unit, or connected to the X-ray units (including third-party supplier units) with the separate interface box via USB or Ethernet cable.

