



Digital X-Ray Technology

For your dental health.

Digital radiography

Until recently, our only option when taking a dental X-ray was the exposure of a small film packet, which then took between five and ten minutes to develop. Now, the digital era has brought us an exciting new technology called digital radiography.

The advantages of digital radiography

Digital radiography has many advantages over traditional dental X-rays:

- It's faster.
- We can view images instantly.
- There's up to 90 percent less radiation.
- We can enhance images in a variety of ways to improve viewing.
- Images can be stored electronically for instant retrieval in the future, if needed.
- We avoid the chemicals used in the traditional developing process.



Quick and comfortable



Clear image

How digital radiography works

With digital radiography, we use a small sensor connected directly to a computer instead of a film packet. Taking X-rays is faster because the sensor is merely moved from tooth to tooth; we don't need to reload a film positioner for each image. It's also faster because the X-rays are available immediately on the computer monitor, with no development step in between. Because the digital X-ray exposure is shorter than taking conventional X-rays, the amount of X-ray radiation is reduced by up to 90 percent.

Digital X-rays allow us to see details and make adjustments that are a tremendous help in our diagnosis. We can also save images in our computer system for instant retrieval at a later date.

Digital radiography is an advanced technology that speeds treatment and helps us make the most accurate and efficient diagnosis of your dental condition.



Digital X-ray sensor