

Product Guide

Radiography and digital imaging

Choose wisely for seamless digital workflow



The widespread adoption of digital imaging in dental surgeries has revolutionised the speed and accuracy of diagnosis and treatment planning, and greatly boosted case acceptance.

But how do you select the right equipment without getting bogged down in the technology?

A-dec Marketing Manager, Simon Taggart, says dentists can save themselves a lot of headaches by purchasing from one manufacturer who can offer a seamless digital workflow.

“The last thing you want is incompatibilities between different pieces of equipment. This can lead to finger pointing and lots of frustration getting it all to work together as intended.

“If you plan to buy digital imaging equipment, opt for the highest resolution, lowest radiation emissions and easy-to-use intuitive software based on an open platform for a streamlined digital workflow.”

Image quality

“The top of the list for anyone purchasing digital imaging products is image quality. Look for X-ray generators with a small

focal spot and the latest technology such as CMOS digital sensors and ACTEON’s patented ACE (Automatically Controlled Exposure) technology.”

1. X-ray unit & Sensor

Acteon’s Red Dot award winning X-Mind Unity™ X-ray generator and inbuilt Sopix² digital sensor with ACE technology reduces radiation by up to 50% according to patient morphology, ensuring excellent images every time together with prolonged sensor life.

2. Phosphor plate unit

The PSPIX²® is the fastest and most compact phosphor plate scanner available, processing images in just 12 seconds and being fully networkable throughout the practice. Different size phosphor plates also make the PSPIX² more suitable for smaller and younger patients.

3. Intraoral cameras

Acteon’s SoproLIFE® and SoproCARE® diagnostic intraoral cameras with their unique ‘caries’ and ‘perio’ functions use fluorescence technology to highlight early onset caries, plaque build-up and

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gingival inflammation often not visible to the naked eye or on X-rays. Sopro cameras add confidence to diagnosis and greatly improve case acceptance and patient referrals.

Digital workflow software

Tying it all together, Acteon Imaging Suite (AIS) software provides a seamless digital workflow by acquiring images from Sopix digital sensors, PSPIX² scanners and Sopro intraoral cameras for speedy analysis.

AIS leverages Acteon’s superior image quality to clearly and accurately show morphology and anatomical relationships, enabling dentists and specialists to plan safe and effective surgical procedures and export data to help tailor implant sizes and other appliances which can be designed using a digital workflow. □

Acteon equipment is available from your local A-dec dealer Phone 1800 225 010 or visit: acteongroup.com