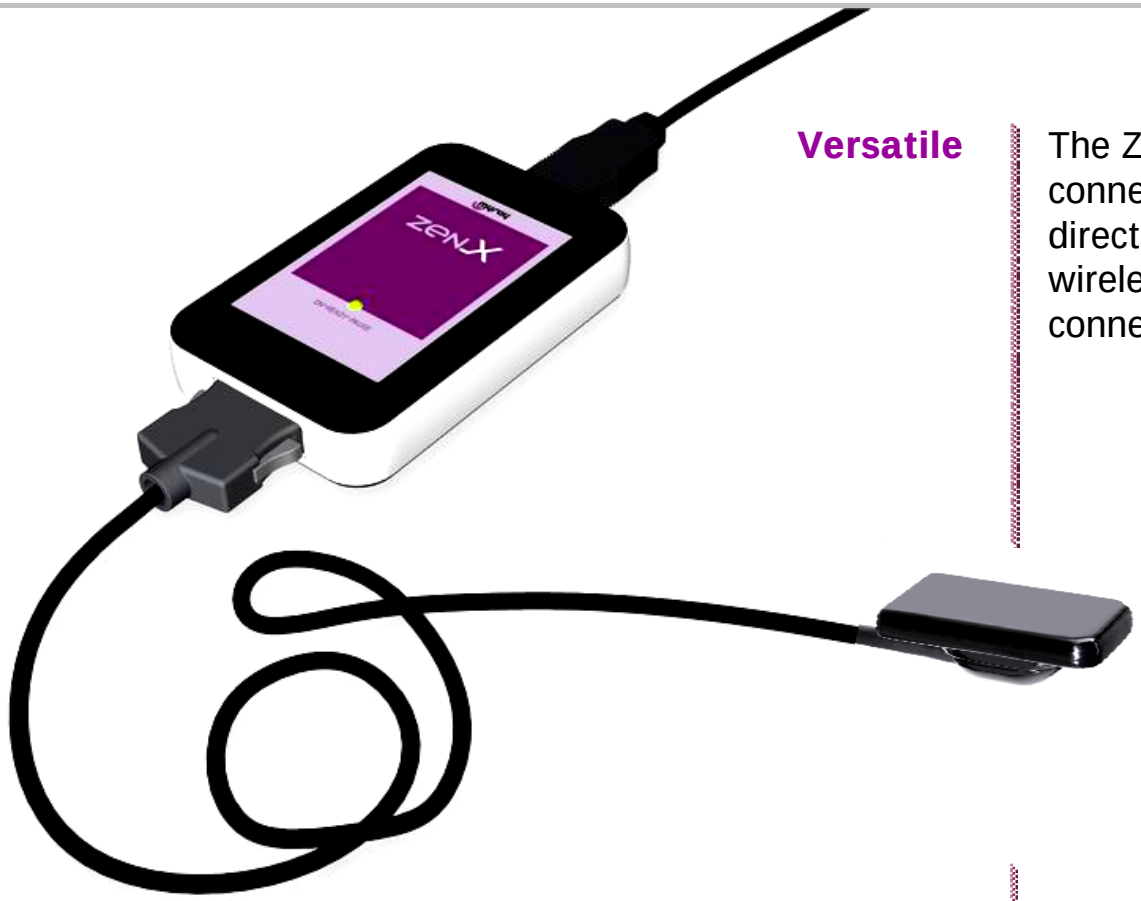
zenX

ZEN-X radiograph sensor



Versatile

The ZEN-X radiograph sensor has a connector that allows multiple use directly on the dental unit, on the wireless system, the X-pod and via a connection device linked to the PC.

Ergonomic

New generation of thin intra-oral sensors with chamfered corners and rounded edges.

ZEN-X radiograph sensor

The same MyRay sensors used with the X-pod can be connected to the compact USB2 electronic control unit.

High performance connector guaranteed for 10,000 plug-in cycles.

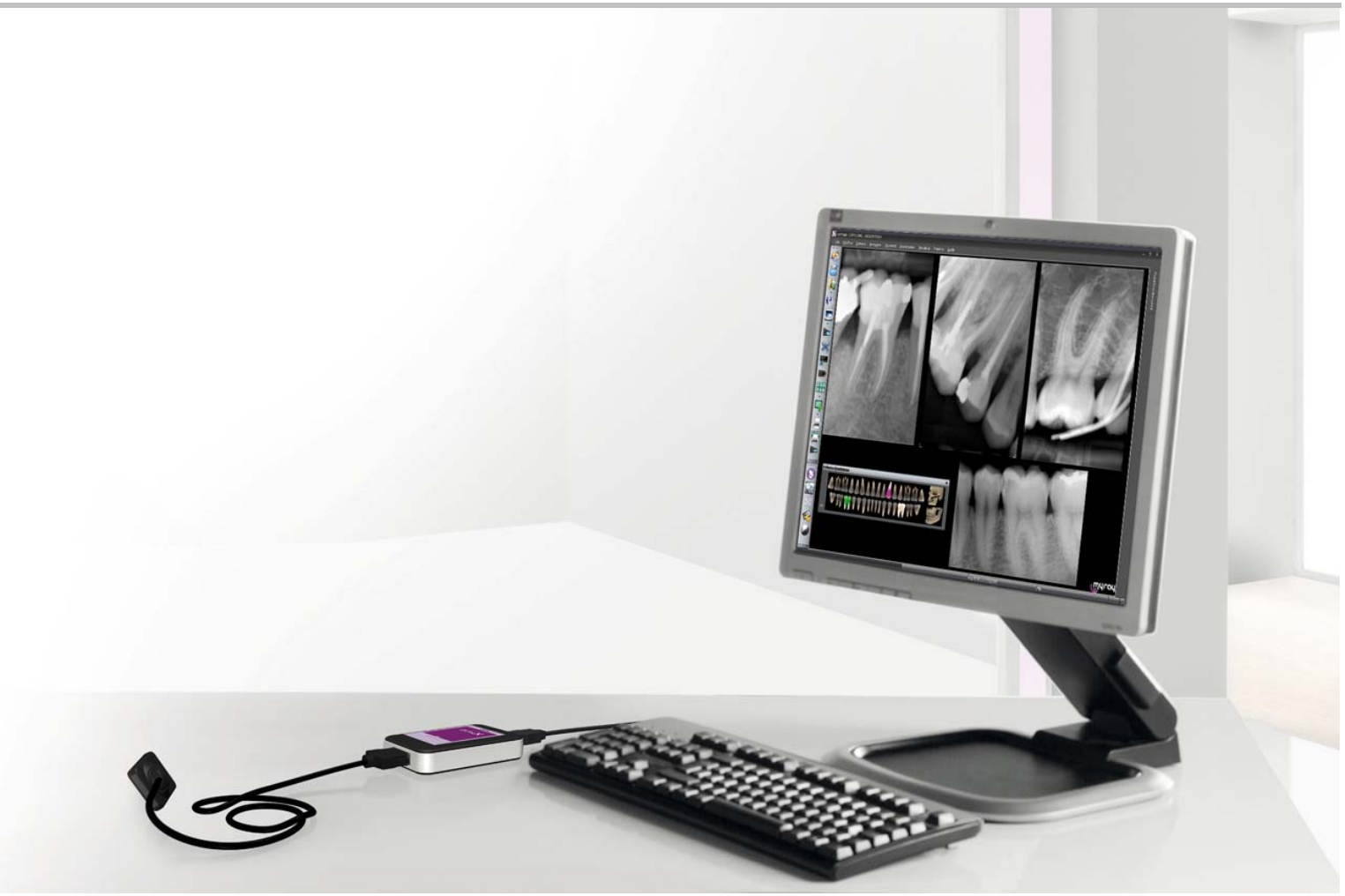
High speed USB connector, the world's most widespread and available on any PC.

ZEN-X radiograph sensor

Directly on the PC with USB2 connection device.

Integration on dental unit with lead winder.

Quick X-pod link.



Direct PC connection

ZEN-X can be used anywhere and easily connected to the PC via the ultra-compact USB2 control unit.

Continental
– to the left of the instruments

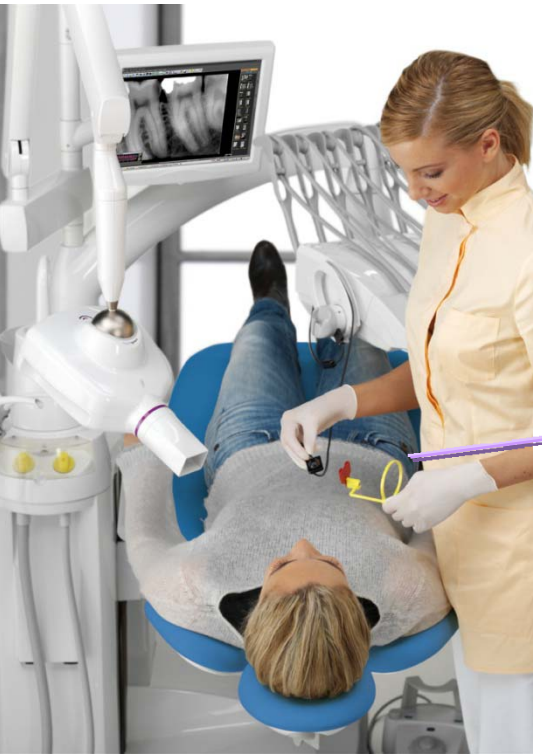
International
– to the right of the instruments

Integration on the dentist's module

With its convenient lead winder ZEN-X can smoothly be added to the dentist's module on both Anthos and Stern Weber dental units.

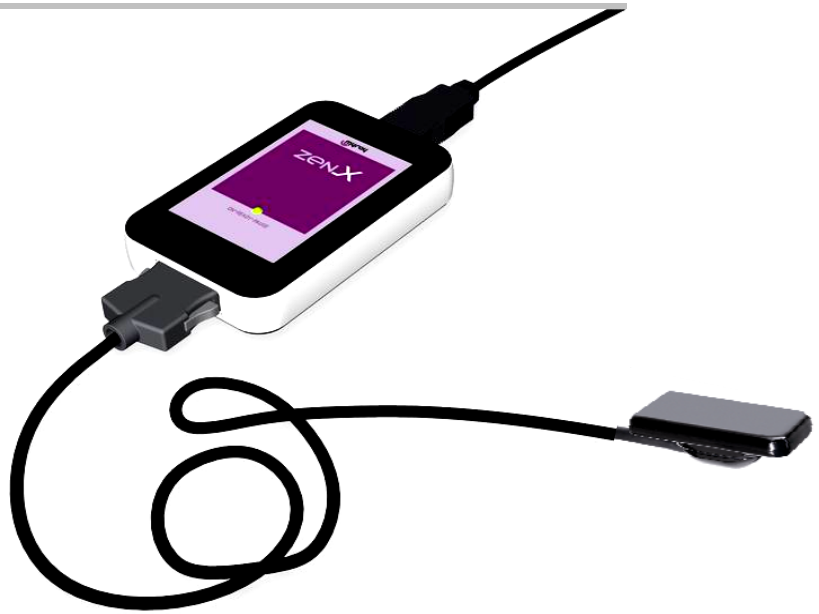
Integration on the dental unit

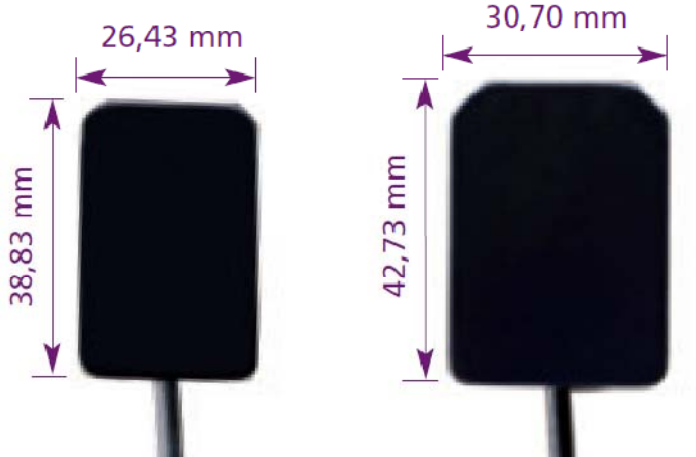
ZEN-X integrated on dentist's module with lead winder together with RXDC HyperSphere+ high frequency X-ray unit , multimedia monitor and intra-oral X-ray positioning kit.



Highly sophisticated sensor

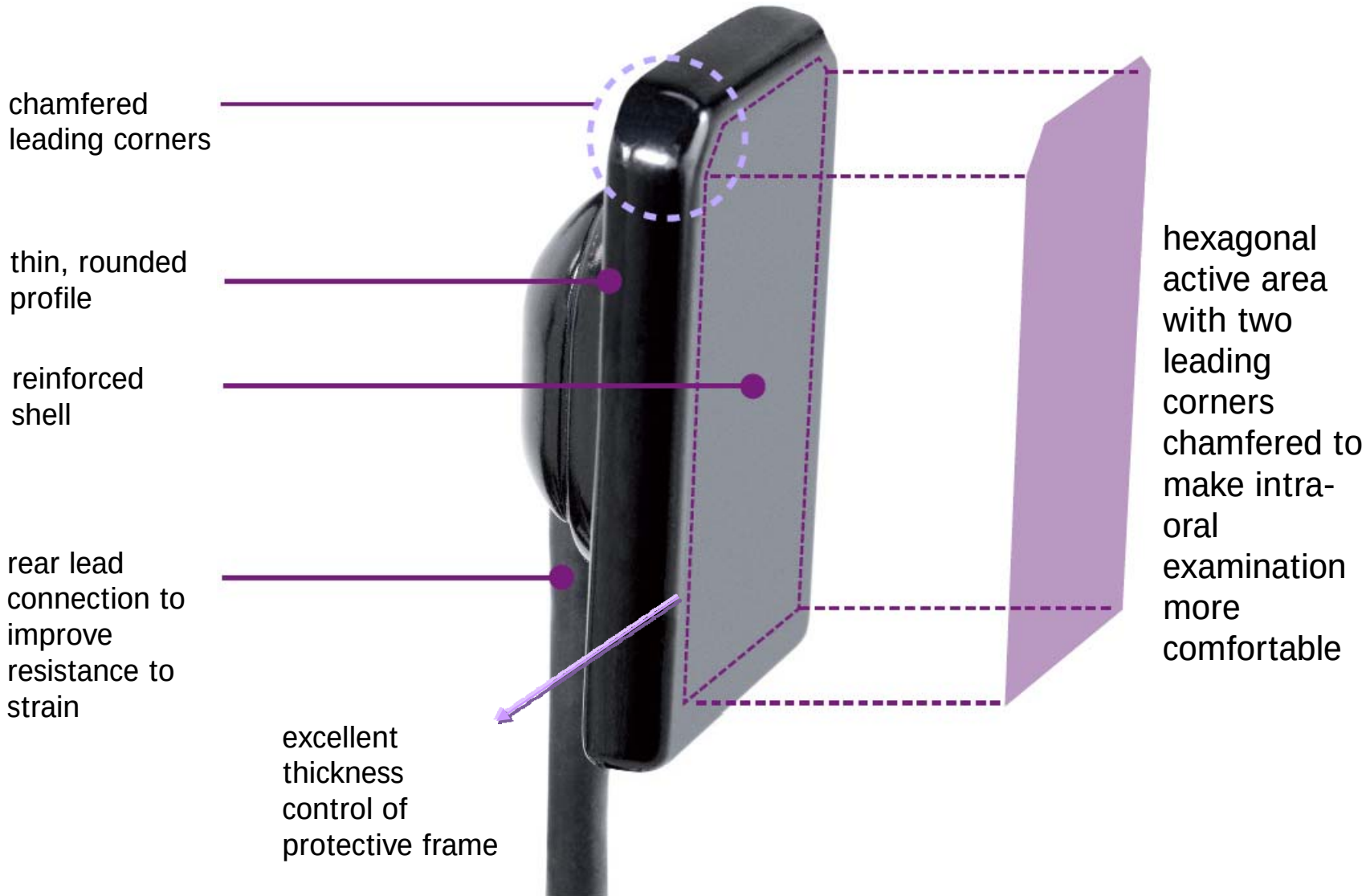
Available in two sizes, the ZEN-X sensor is well-built, ergonomic and features a technologically advanced 3-layer structure.



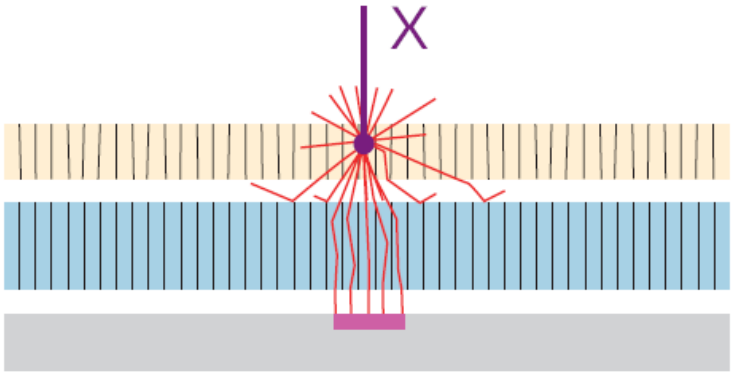


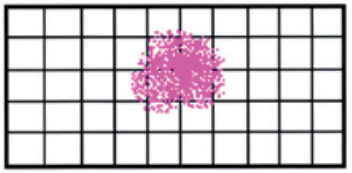
Size 1 – active area: 30x20 mm
Size 2 – active area: 34x26 mm

ZEN-X radiograph sensor



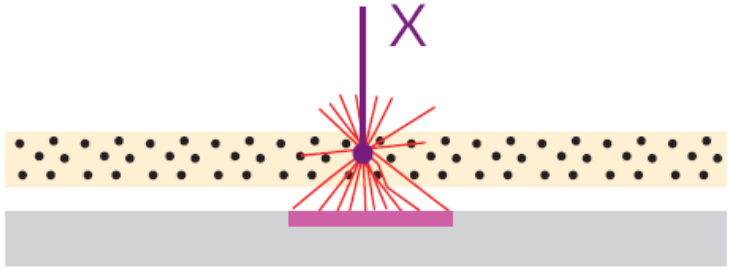
ZEN-X radiograph sensor

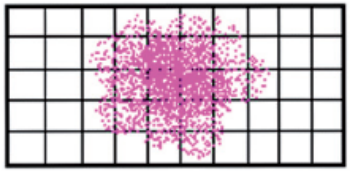




MyRay sensor with fibre optics

- enhanced resolution
- protects silicon from direct, prolonged exposure to X-rays





Other sensors without fibre optics

- images not as sharp
- shorter silicon life

MyRay makes use of the most recent developments in X-ray detection technology.
The quality of CMOS sensors is now on a par with that of CCDs and they also offer a broader exposure range, which provides them with better tolerance of inexact exposure times and older X-ray units.

Control of the entire acquisition/processing/display chain ensures outstanding diagnostic capability, with image quality still outstanding during subsequent viewing on PC monitors.