



RXDC HyperSphere+



Diagnosis

Precision diagnostics thanks to the smallest possible intra-oral imaging focal spot and incorporated 30 cm collimation.

Safety

Significant X-ray dosage reduction compared to traditional X-ray units.

Simplicity

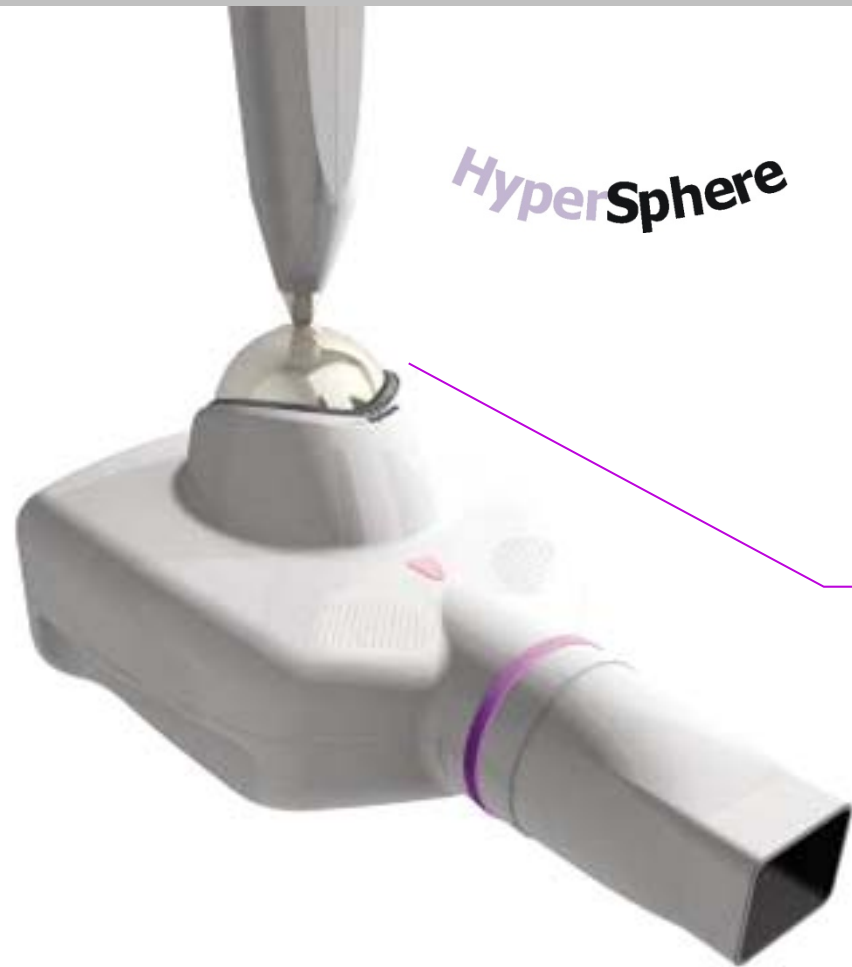
RXDC automatically defines correct exposure when the region of interest is selected.

Ergonomics

Lightweight and manoeuvrable, the tube can be positioned with ease thanks to touch-sensitive sectors and HyperSphere technology.

Versatility

Wireless communication between digital control device and X-ray tube head allows the user to choose the most suitable control position within the surgery.



HyperSphere

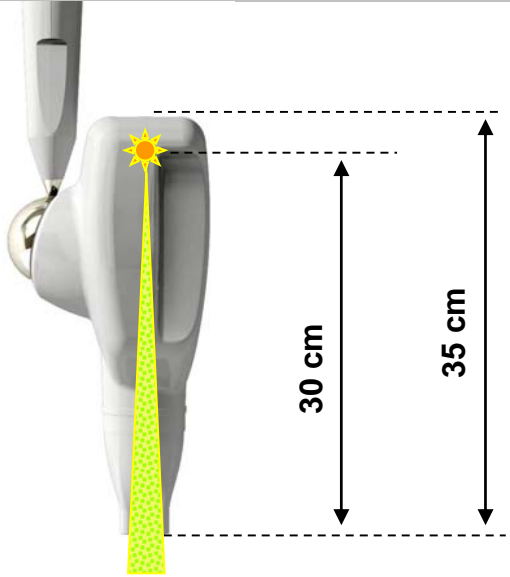


HyperSphere Technology

Revolutionary ergonomics – total tube head positioning freedom.



RXDC high frequency X-ray unit

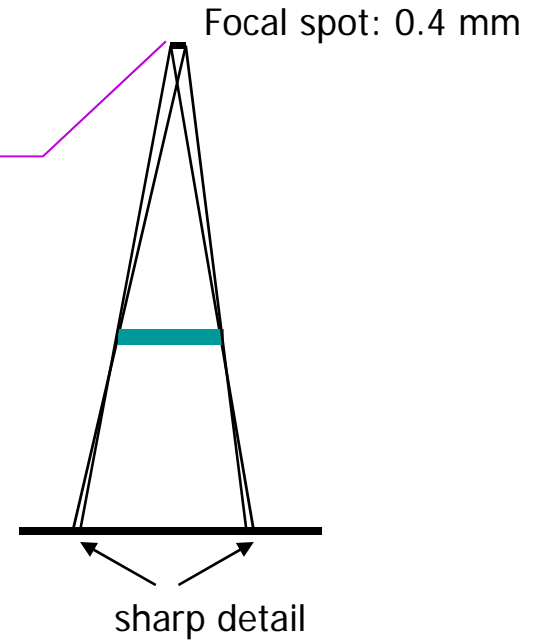


Improved ray parallelism ensured by incorporated 30 cm collimation.



Rectangular collimation: reduced X-ray dispersion and smaller dosages for patient.

High resolution ensured by 0.4 mm focal spot.



Simplified procedure

Selection of just two parameters:
dentition and build.

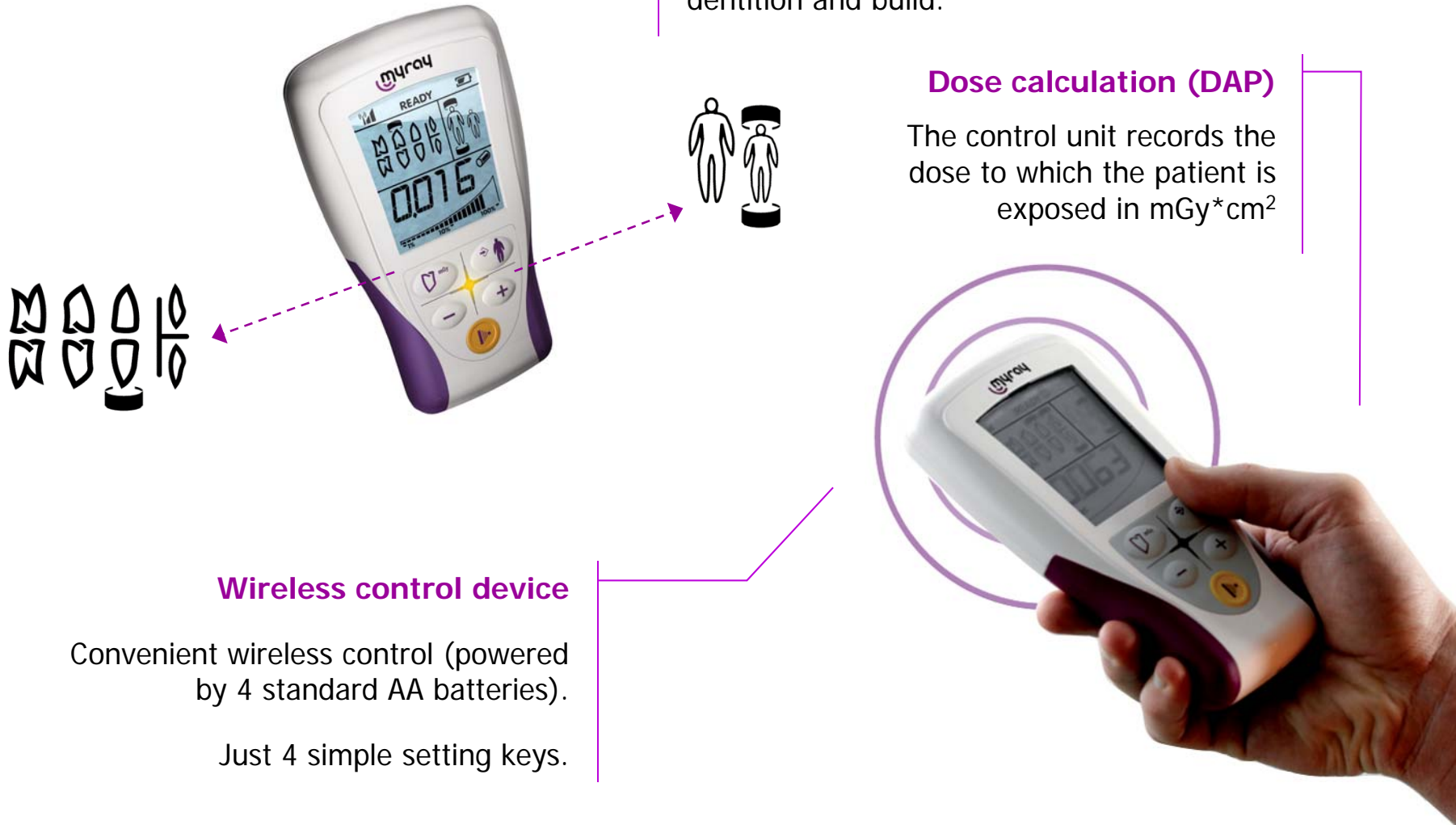
Dose calculation (DAP)

The control unit records the
dose to which the patient is
exposed in $\text{mGy} \cdot \text{cm}^2$

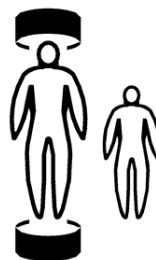
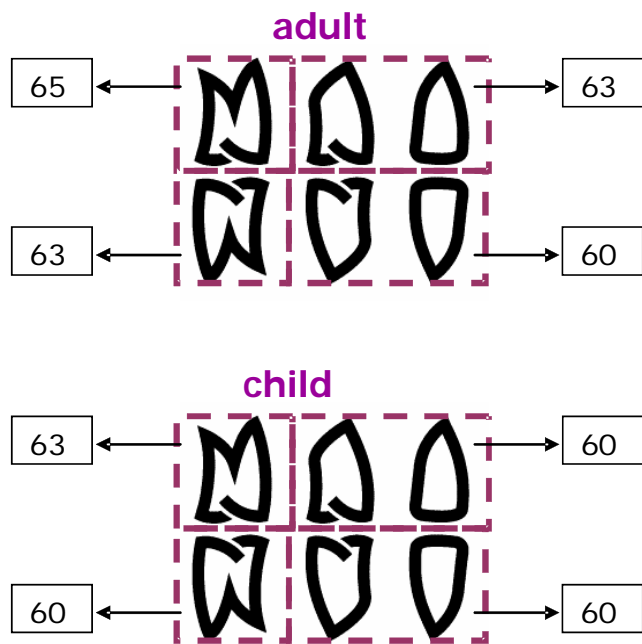
Wireless control device

Convenient wireless control (powered
by 4 standard AA batteries).

Just 4 simple setting keys.

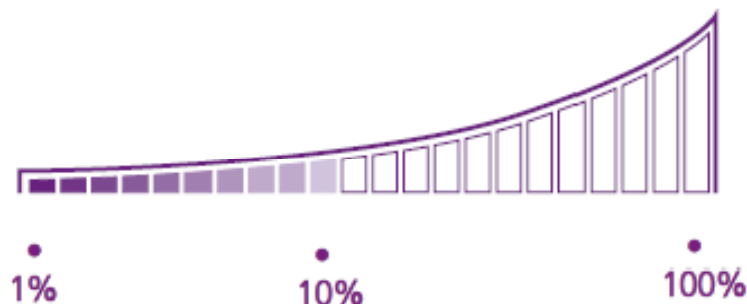


Multi-Mode



Automatic adjustment

kV and mA adjusted according to patient build and the selected anatomical region. Exposure times are set according to the adopted collimation technique.



Sequential exposures

RXDC allows uninterrupted use during the acquisition of image sequences (e.g. systematic tests) thanks to the Dynamic Duty-Cycle, based on real-time control of bulb temperature, as shown on the large display of the handheld control device.

RXDC high frequency X-ray unit



The most versatile installation system, now with arm coupling underneath the control unit.

User-friendly installation: wireless control device can now be attached to any available surface in the surgery.



Rectangular and round 30 cm collimators supplied as standard.



RXDC high frequency X-ray unit

Integration on the dental unit

RXDC HyperSphere+ is available as an integrated X-ray unit on most dental units in the Anthos and Stern Weber ranges .

