RXDC eXTend

RXDC eXTend high frequency X-ray unit

Diagnosis

Accurate diagnosis thanks to outstanding parallelism, attained via incorporated 30 cm collimation.

Safety

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

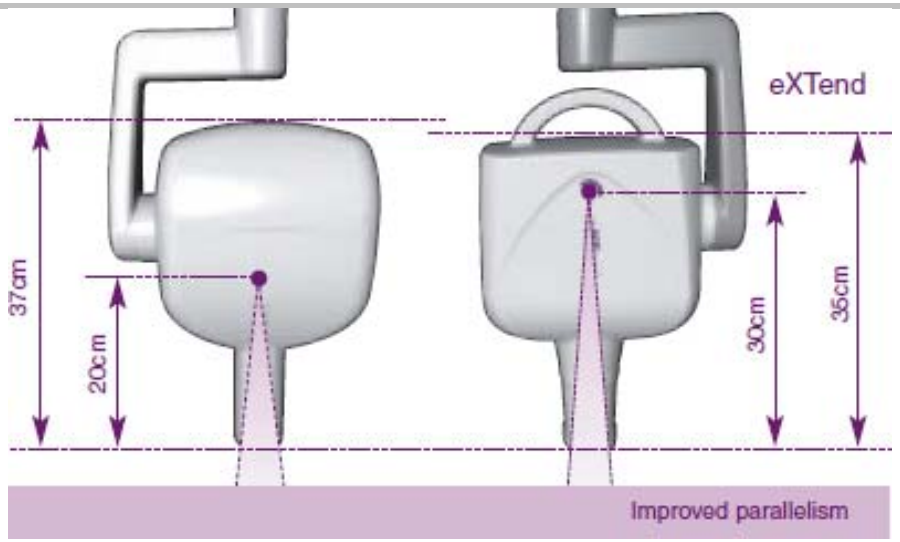
Simplicity

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

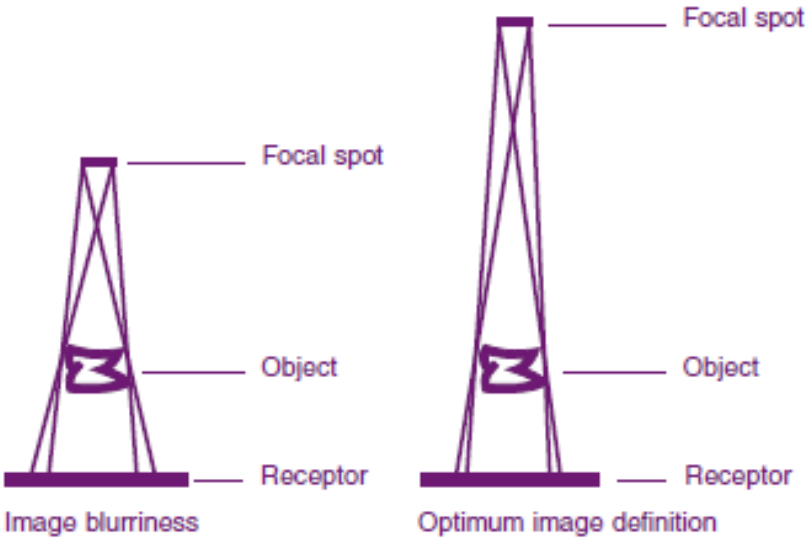
Versatility

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

RXDC eXTend high frequency X-ray unit



Incorporated 30 cm collimation ensures improved ray parallelism.

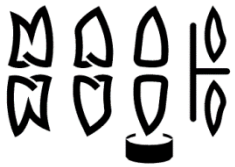


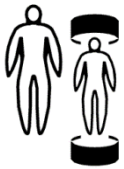
Contrary to appearances, the compact tube implements extensive internal collimation of the X-ray beam, giving a minimum source-skin distance of 30 cm. This gives sharper images and improved detail with respect to traditional X-ray units.

The focal spot measures 0.7 mm.

Simplified procedure

Selection of just two parameters: dentition and build.





Dose calculation (DAP)

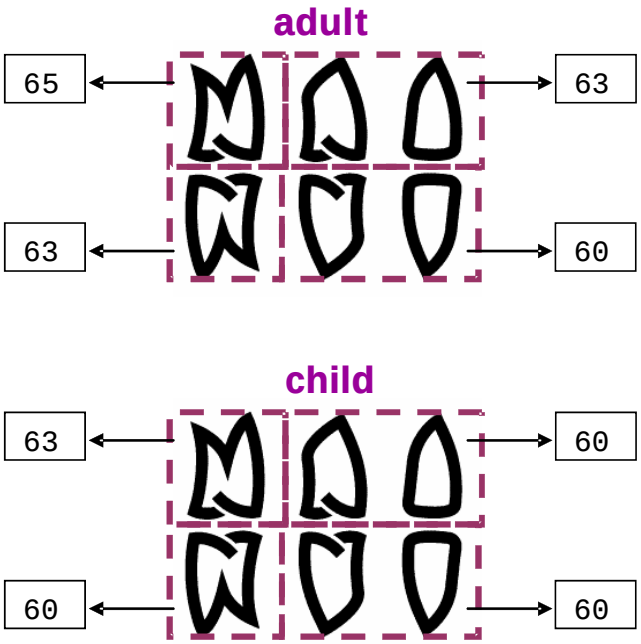
The control unit records the dose to which the patient is exposed in mGy*cm^2

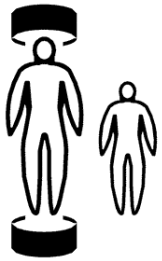
Wireless control

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

Just 4 simple setting keys.

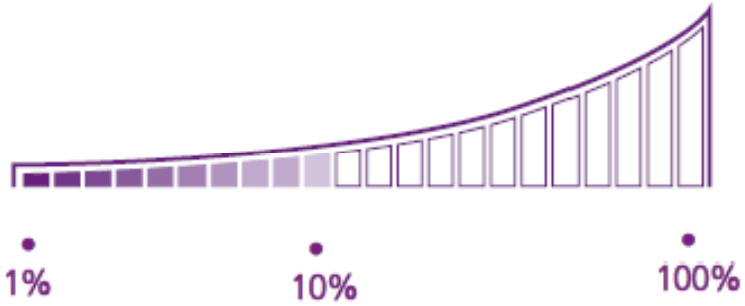
Multi-Mode





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 eXTend 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 eXTend 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.