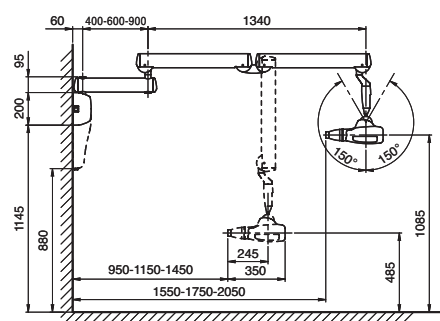
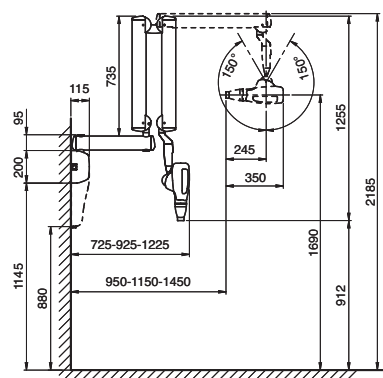
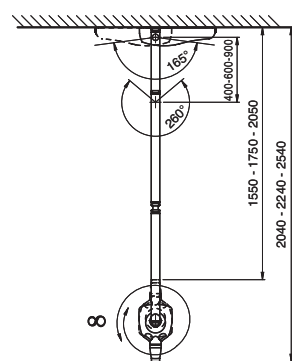
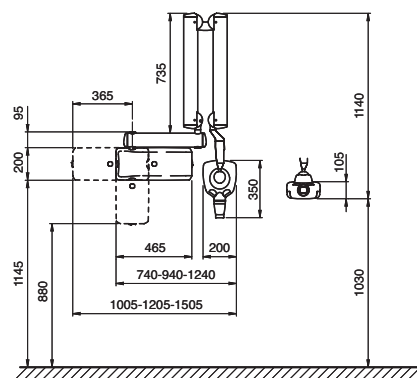


Technical data

Classification	Electro-medical equipment Class I type B	Source-skin distance SSD	30 cm rectangular or 20 cm round
Generator	Constant potential, microprocessor controlled operating frequency 120 kHz - 215 KHz (150 KHz typical)	Line voltage	50/60 Hz, 115V or 230V \pm 15%
Tube	Toshiba D-041DC	Duty cycle	self regulating, continuous operation up to 1s/60s
Focal spot	0.4 mm, square, IEC 336	Weight	20 Kg
Irradiated field	35 x 45 mm, rectangular or \varnothing 60 mm round	Stability	Automatic touch-sensitive lock-on/lock-off (HyperSphere)
Filtration	2.5 mm	Arms available in 3 lengths	Available in 3 lengths: 40 cm - 60 cm - 90 cm
Anode current (mA setting)	7 mA - 3 mA	Max arm extension	230 cm, from wall
Voltage (kV setting)	60 kV	Certification	CE 0051
Exposure Time	0.010 - 1.000 sec, R10 and R20 scale		



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Cefla Dental Group - Via Bicocca 14/C - 40026 IMOLA (BO) - ITALY

RXDC

High frequency X-ray unit
HyperSphere Technology

MRXDGB071 S00

2007/06/15

Due to our policy of constant technological upgrading, the technical specifications may be subject to change without prior notice



RXDC

High frequency X-ray unit
HyperSphere Technology

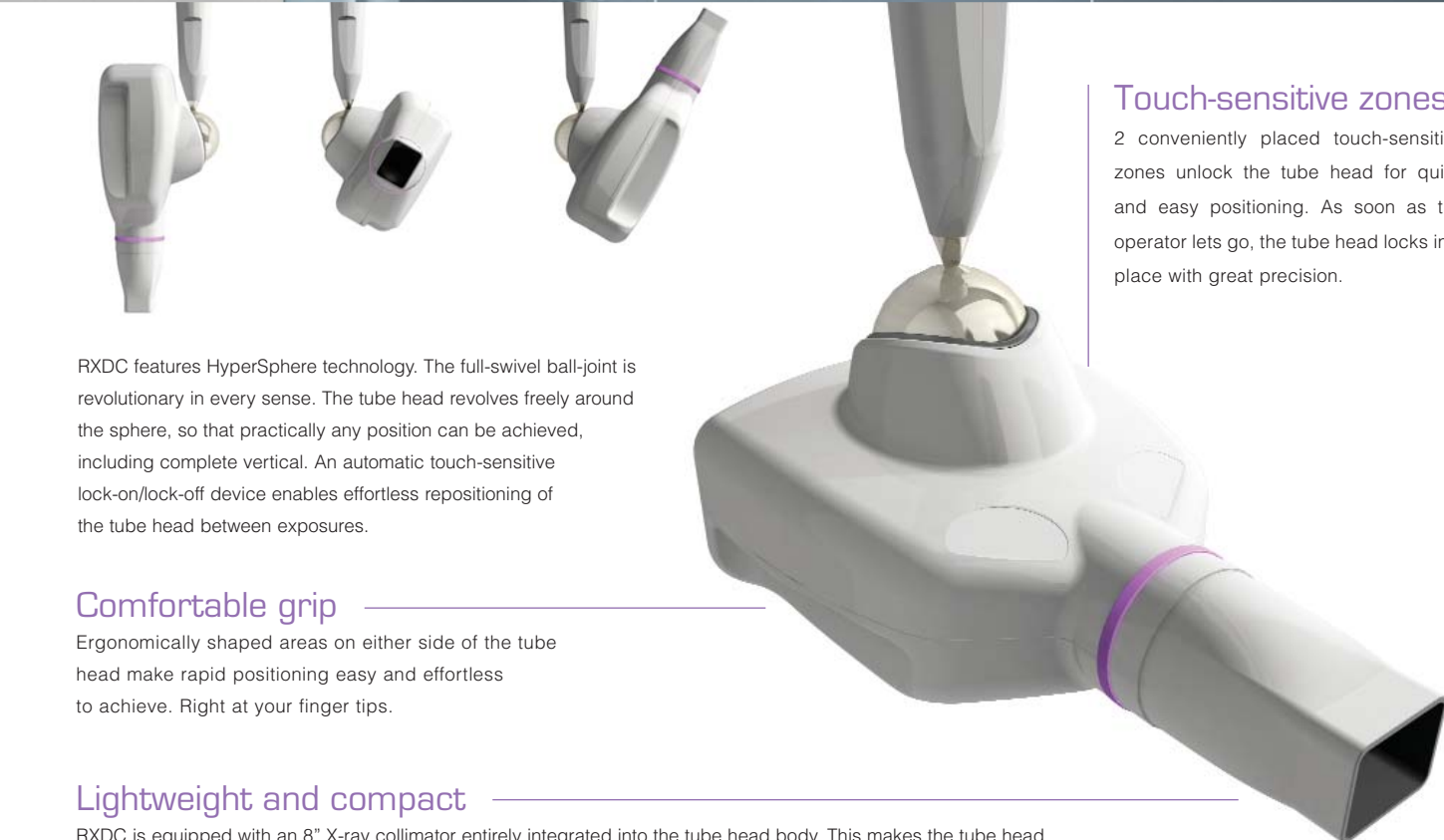


Spot-on diagnostics

RXDC, the ultimate high-frequency X-ray unit designed by MyRay, exploits the very latest technology with a view to providing the best solution to each and every requirement in the field of intraoral radiography. Focus on flexibility and multifunctional settings, combined with top quality imaging, make RXDC a highly versatile and reliable X-ray unit, offering precision diagnostic potential. Specifically conceived for digital X-ray imaging, the constant potential tube head combined with the smallest focal spot available for intraoral imaging (0.4 mm) guarantees consistently sharp images.

Health and Safety

RXDC, with its constant potential high frequency X-ray generator, significantly reduces radiation dosage compared to traditional X-ray units. Not only is the most harmful, low-energy radiation almost completely eliminated thanks to the high-efficiency generator, but the embedded 12" rectangular collimator minimizes the exposed bodily surface and increases the X-ray parallelism. This leads to better image quality and higher regard for patient's health.



Touch-sensitive zones

2 conveniently placed touch-sensitive zones unlock the tube head for quick and easy positioning. As soon as the operator lets go, the tube head locks into place with great precision.

RXDC features HyperSphere technology. The full-swivel ball-joint is revolutionary in every sense. The tube head revolves freely around the sphere, so that practically any position can be achieved, including complete vertical. An automatic touch-sensitive lock-on/lock-off device enables effortless repositioning of the tube head between exposures.

Comfortable grip

Ergonomically shaped areas on either side of the tube head make rapid positioning easy and effortless to achieve. Right at your finger tips.

Lightweight and compact

RXDC is equipped with an 8" X-ray collimator entirely integrated into the tube head body. This makes the tube head itself a more compact lightweight component than would otherwise be possible. The unique tube head design, together with the stable aluminium arms, make this unit effortless to manoeuvre. RXDC is supplied with a standard rectangular cone which extends just 4" beyond the tube head body, resulting in a 12" long rectangular collimation. The operator is free to remove and replace the rectangular cone extension. This triggers an automatic preset of exposure times which are displayed on the handheld control device. There is no need to re-program before acquisition.

Handheld wireless device. Full control, everywhere

One handheld wireless digital control device allows you to program the unit from wherever you are in the surgery. There are no other wall-mounted or wired control panels to worry about. Easy-to-use and easy-to-handle, the control device offers a full range of intuitive exposure scenarios designed to make correct X-ray acquisition a straightforward process. No more complex programming or button-crowded panels. RXDC defines automatically the correct exposure by selecting the region of interest.



Right by your side

Lightweight, solid arms in extruded aluminium with an integrated self-balancing system reduce any risk of tube head vibration during image acquisition.