

Total control.

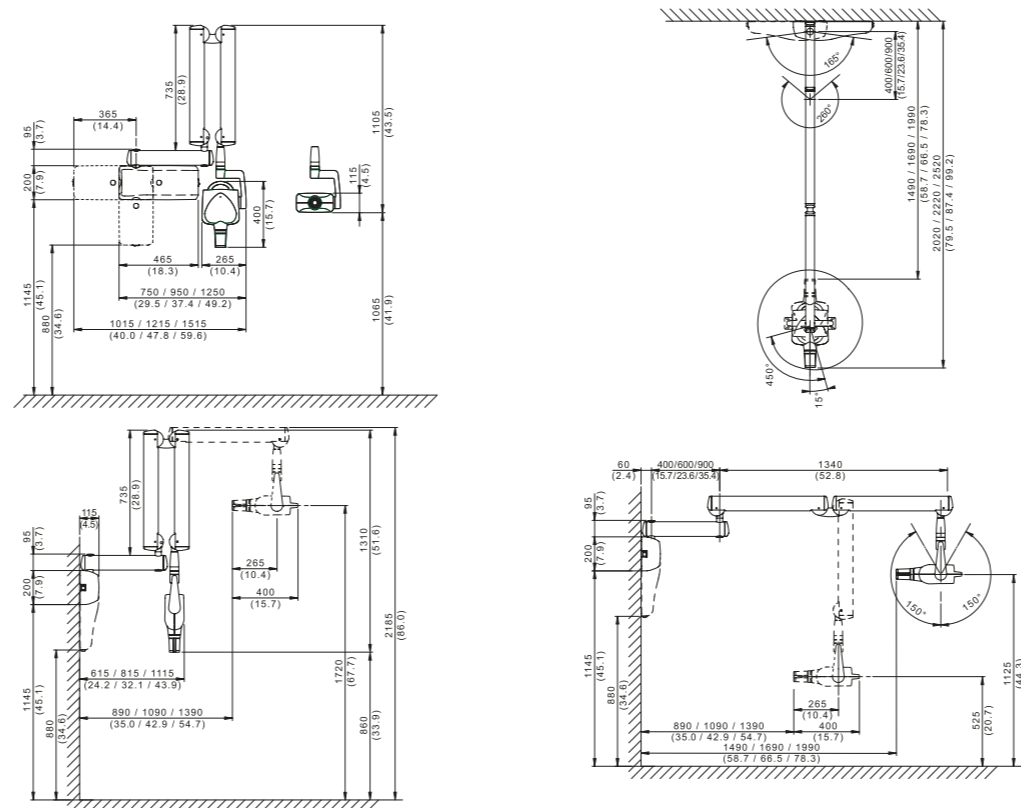
Absolute positioning freedom and ultra-high definition intraoral imaging. RXDC - eXTend technology simplifies your work. Total, wireless control ensures fast installation and adaptation to all possible space requirements.

MyRay, just right for you.



TECHNICAL DATA	
Generator	Constant potential, microprocessor-controlled
Working frequency	145 - 230 KHz with self-adjustment (typically 175 KHz)
Focal spot	0.4 mm (IEC 336)
Total filtration	2.0 mm Al @ 70 kV
Anode current	4 / 8 mA
Voltage at X-ray tube	60 / 65 / 70 kV (*)
Exposure times	0.020 – 1.000 seconds, R'10 and R'20 scale
Source-skin distance	20 and 30 cm
Irradiated field	Ø 55 mm and Ø 60 mm round
Additional collimators	35 x 45 mm rectangular, 31 x 41 mm and 22 x 35 mm, for sensors size 2 and size 1
Power supply	50/60 Hz, 115-120 V AC ±10% or 230-240 V AC ±10%
Duty Cycle	Continuous operation with self-adjustment up to 1s/80s total
Arms (for Standard version only)	Available in 3 lengths: 40 cm – 60 cm – 90 cm
Max. arm extension	230 cm, from wall
Versions	Standard (wall mounted) or Mobile (on portable cart)

(*) values depend on the country where the product is marketed.



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in digital imaging

www.my-ray.com

Plant - Via Bicocca, 14/c - 40026 Imola - Bo (Italy) tel. +39 0542 653441 - fax +39 0542 653555
Head Quarter - Cefla s.c. Via Selice Provinciale, 23/a - 40026 Imola - Bo (Italy) tel. +39 0542 653111 - fax +39 0542 653344
Cefla North America, Inc. - 6125 Harris Technology Blvd. Charlotte, NC 28269 - U.S.A. Toll Free: (+1) 800.416.3078 Fax: (+1) 704.631.4609

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 Data may be subject to change without notice. According to the regulations in force, some products and/or features may have different availability and characteristics in areas outside of the European Union. Please contact your local distributor.



RXDC
X-ray unit
with eXTend technology



Navtech Practice Solutions
 1979 Stout Drive, Unit 2
 Warminster, PA 18974
(215) 364-2012
www.navtech360.com

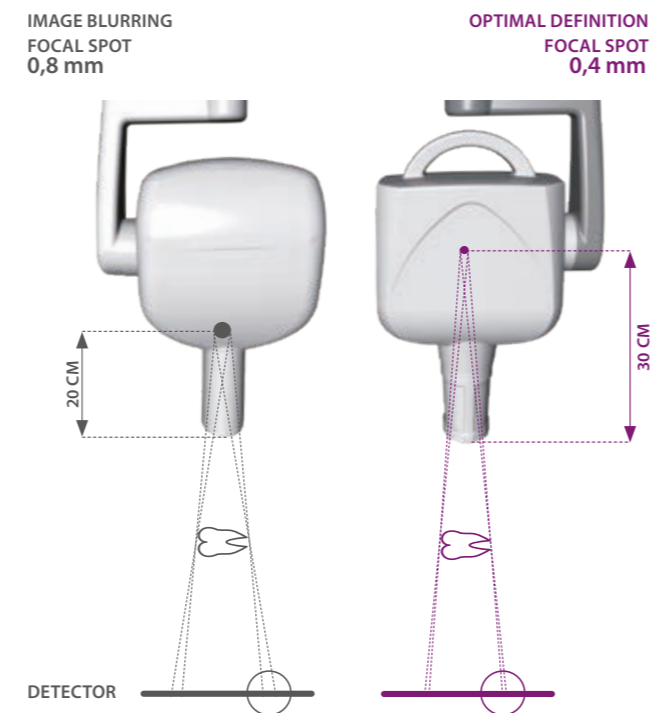
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Precision diagnosis.

Maximum image quality, minimum dose for the patient. RXDC - eXTend technology provides always-sharp images, a full configuration range and the exclusive flexibility of wireless technology.

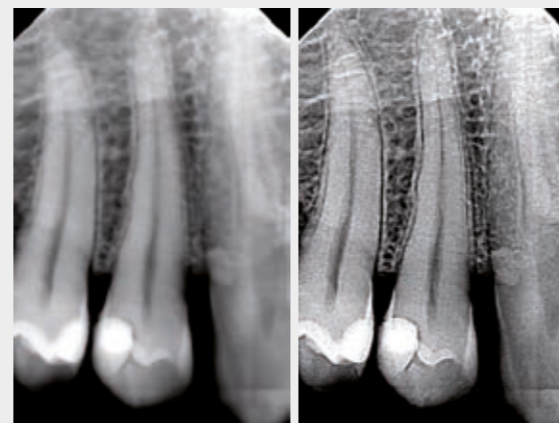


MAXIMUM PRECISION
Focal spot 0,4 mm
and power 70 kV, 8 mA.



The DC generator in the head tube is high-frequency and constant-potential. This technology gives sharp images with greater detail and lower exposure times than would be attainable with AC X-ray units, which are characterised by variable emissions. Moreover, constant-potential design ensures image generation is unaffected by power fluctuations. RXDC - eXTend technology is reliable for all diagnostic needs and always provides high-definition images by adapting to the sensor type.

Efficient and reliable real-time imaging.



0,8 mm 0,4 mm

ALWAYS-SHARP IMAGES

The focal spot of just 0.4 mm is placed in the tube head in such a way as to obtain a source-to-skin gap of 30 cm (total bulk remaining equal). In this way RXDC - eXTend technology implements extensive internal collimation of the X-rays and gives an extremely small focal spot, producing ever-sharper images and ever-more precise detail.



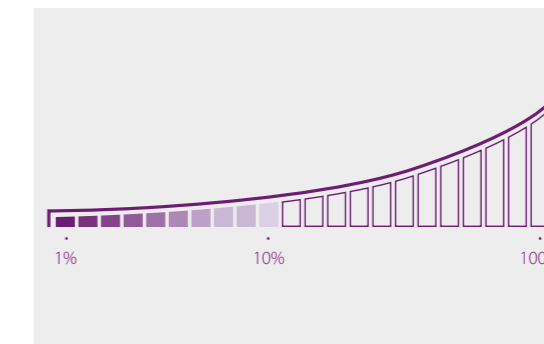
MULTI-MODE

Automatic parameter modulation ensures the best exposure power/time selection: parameters are automatically determined on the basis of the patient's build and the specific region of investigation. With 28 selectable sensitivity levels, sharp images are guaranteed with any sensor.



MINIMUM X-RAY DOSE

Attention to patient health is meticulous: a high frequency, constant potential generator minimises exposure times and reduces harmful radiation. Where deemed appropriate, the 4 mA mode halves the amount of X-rays. The interchangeable rectangular collimator cone (at 30 cm) further reduces the irradiated body surface area by adapting it to the effective surface area of the sensor.



SEQUENTIAL EXPOSURE

No downtimes as a result of tube overheating, not even when repeated use is required. The fast dynamic duty cycle allows, in fact, sequential exposures by keeping tube temperature under constant control on the large hand-held unit display.



FAST INSTALLATION AND WIRELESS CONTROL

The efficiency of wireless technology with maximum simplicity of use. The wireless controller frees users from the limits posed by on-machine control panels or wall-mounted controls. It is equipped with a button for ultra-fast shooting (fraction of a second) and two simple settings which make it easy to select the most suitable X-ray acquisition programme.



SIMPLE INSTALLATION, VERSATILITY, RELIABILITY

The solid extruded aluminium arms are made of high quality materials that ensure strength and durability while reducing the risk of accidental vibration during acquisition. They are available in lengths of 40 cm, 60 cm and 90 cm and can be pointed in 6 directions to provide maximum adaptability and simplicity of installation.