

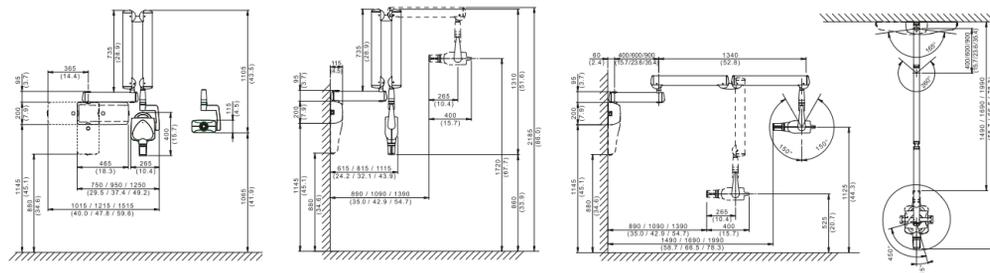
Versatile and adaptable.

Wall-mounted with variable positions or in a mobile cart-mounted version (to be shared among multiple workstations), RX DC is extremely versatile and easily adapts to all your working needs.
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 mm @ 60 kV / 2 mm @ 65 kV / 2 mm @ 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 60 mm and Ø 55 mm (with round cone) |
| Additional collimators | 35 x 45 mm (with rectangular cone for size 2 sensors), 31 x 41 mm and 22 x 35 mm, for size 1 and size 0 sensors |
| 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) |
| Dose delivered | Viewing on a handheld device with option of digital archive on PC via iRYS software which can be automated via the "RX DC connect" (optional) accessory |
| PC connection cable | Serial with USB adapter available in various lengths |
| SOFTWARE | |
| Acquisition software (for PC) | iCapture for automatic saving of RX DC exposure parameters on PC |
| Image management software (for PC) | iRYS (compliant with ISDP®10003:2020 in accordance with EN ISO/IEC17065:2012 - certificate number 2019003109-2) and iPad iRYS viewer App (free) |
| Protocols supported in iRYS | ICOM 3.0, TWAIN, VDDS |
| DICOM Node Connectivity | iRYS - IHE compliant (Print; Storage Commitment, SR document; WorkList; MPPS; Query/Retrieve) |
| X-ray log | iRYS feature to associate exposure parameters with the X-ray images of each examination (exportable in PDF or CSV format) |
| MINIMUM SYSTEM REQUISITES | |
| Supported operating systems | Microsoft® Windows® 10, 11 Professional 64 bit |
| Processor | Intel Core i3 or higher |
| Hard Disk | 100 GB SSD (250 GB recommended) |
| RAM | 4 GB (8 GB recommended) |
| Graphics card | Discrete 3D Video Card or integrated GPU |
| Display settings | 1920x1080 pixel 24-bit RGB Full HD |
| Power supply | Use a power adapter of a power suitable for the video card in use |
| Port | USB 2.0 or later versions |

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



www.my-ray.com



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Data may be subject to change without notice. 01/2024 MRXDCGB171500
 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.



RX DC
 High frequency
 X-ray unit





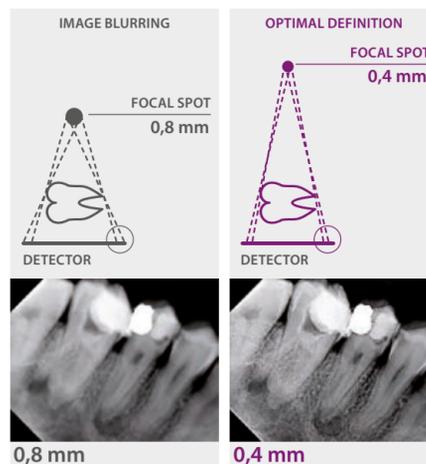
MAXIMUM PRECISION
Focal spot 0.4 mm
and power 70 kV, 8 mA

ALWAYS THE BEST ACQUISITION PROGRAMME

Sharp images with simple and immediate configuration. The controller has two settings with which to select the programme most suitable for optimal X-ray image capture. The large display lets users monitor the temperature of the head tube which, thanks to the dynamic duty cycle, allows sequential exposure.

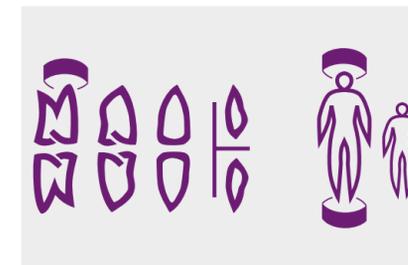
Highest quality with lowest exposure.

Always-sharp images, versatility and meticulous attention to patient health. With RX DC you get the best DC technology with the lowest X-ray dose.



The constant potential high frequency generator (DC) provides sharp images with the very highest level of detail. Compared to AC systems, they also reduce exposure times and the amount of harmful radiation by containing the dose administered to the patient. A focal spot of just 0.4 mm - one of the smallest available - ensures images are always sharp and of the highest quality.

High definition real-time imaging.



IMMEDIATE CONFIGURATION

Multi-Mode automatic exposure parameter modulation always ensures optimal time and power selection. Parameters are, in fact, adjusted automatically according to patient build and the region under investigation.



MINIMUM IRRADIATION

Attention to patient health is meticulous thanks to the constant potential DC generator with adjustable power (from 8 to 4 mA). Moreover, rectangular collimators can be used: these reduce the irradiated body area and thus lower the dose received by the patient.

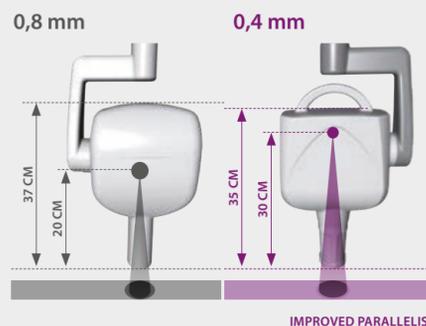
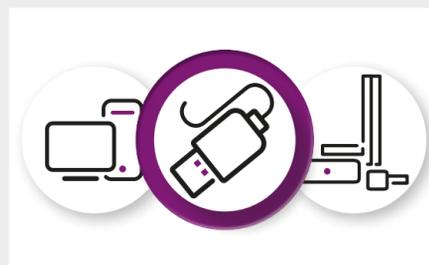


OPTIMAL ERGONOMICS

The ergonomic handle is designed to maximise grip comfort and ensure easy, stable positioning of arms and tube head. A protractor with a graduated scale allows optimal repositioning of the tube head.

RX DC CONNECT (optional)

The RX DC X-ray unit can easily be connected to your PC via RX DC CONNECT. Via the USB port, you can log the X-ray exposure dose data in digital format. With iRYS you can add the image to the patient's record and the relative X-ray log. Monitor the dose value over time, display and export to other applications via shareable file.



PRECISION DIAGNOSTICS

Superb image definition: sharp edges and excellent detail. An embedded collimator cone gives a source-to-skin distance of 30 cm. This increases X-ray parallelism, providing more precise images, lower doses and ensuring greater attention to patient health. RX DC offers maximum flexibility and optimum X-ray quality whatever the type of sensor connected.



SIMPLE INSTALLATION, VERSATILITY, RELIABILITY

RX DC provides outstanding adaptability and simplicity of installation thanks to arms with an integrated self-balancing system that can be pointed in 6 directions - available in lengths of 40 cm, 60 cm and 90 cm. All parts are made from materials of only the finest quality to minimise maintenance costs and reduce the risk of accidental vibration during acquisition.