

my RAY OF SOLUTIONS



The images and technical specifications shown in this catalog are for indicative purposes only.
As part of ongoing technological updates, technical specifications may be subject to changes without prior notice.
In accordance with current regulations, in non-EU areas some products, as well as certain technical specifications, may have different availability and configurations.
We encourage you to always contact your local distributor for up-to-date technical specifications, availability and configurations.

MRXDGB25/ISO0

11/2025

BU MEDICAL EQUIPMENT

SEDE LEGALE ED AMMINISTRATIVA HEADQUARTERS

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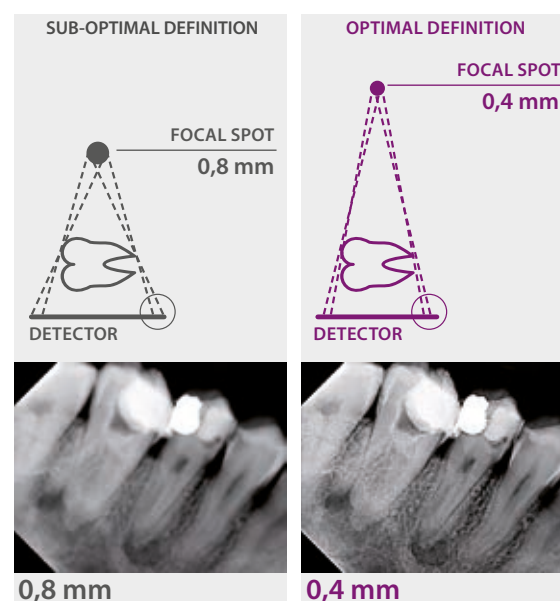
RX DC
wired

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.



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.



MAXIMUM PRECISION

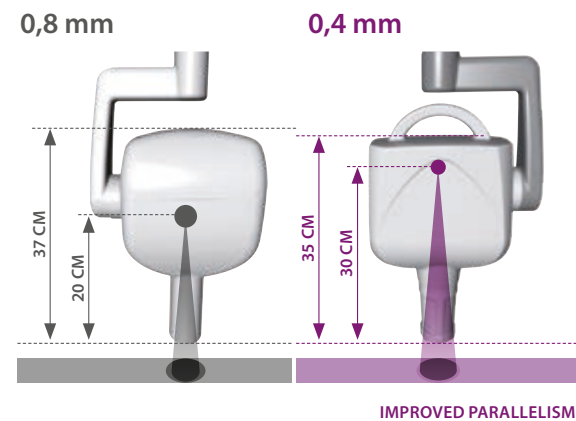
Focal spot 0.4 mm
and power 70 kV, 8 mA

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.

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.



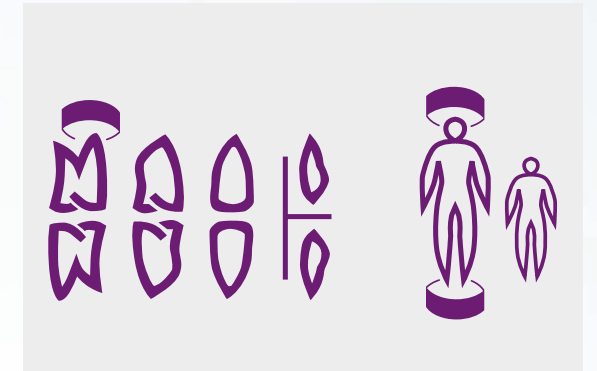
MINIMUM IRRADIATION

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.



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.



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.



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.



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.



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 2019003109-3) 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.

