stomdevice

X-pod

Portable imaging system



new comfort
in digital imaging

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Perfect for your diagnostic needs.

Diagnosis in the palm of your hand: acquire intraoral images, view them on the touch-sensitive display and use them for all your clinical needs. X-pod smooths workflows, improves communication with the patient and optimises investment in your surgery.

MyRay, just right for you.



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A new vision of intraoral imaging.

Acquire, display, process and manage every detail directly in the palm of your hand on the most versatile, modern device available.

X-pod, the exceptional portable wireless device with large touch-screen display, let's you take control and decide how to manage your workflow, letting you enjoy fast consultation, storage and sharing of diagnostic images.
Acquire intraoral X-rays, view them and show them to your patient immediately to ensure more effective communication.
You can synchronise it with the iRYS software on your PC or work in complete independence, saving and processing images on the SD memory card.
Portable, versatile, high quality diagnostic.

- Immediate diagnostics
- Real-time image processing
- Portability and working freedom
- Synchronisation with PC - iRYS software
- Bluetooth image transfer

Powerful X-pod software provides an array of advanced functions with an intuitive graphic interface that lets you save and process images directly on the device without any need for a PC connection.

- Edit the patient name
- Modify filters to improve luminosity and contrast
- Measure point-to-point distance and calibrate the image
- Assign the dental region on the Dentition Chart
- Correct image rotation
- Archivia su cartella paziente



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BLUETOOTH CONNECTION
Instantaneous, wireless transfer of images onto the PC directly with interference-free protocol (patented).

FAST CONNECTOR
MyRay size 1 sensor interchangeable with size 2, with strong stable connection.

MEMORY (SD CARD)
Store and organise hundreds of images directly on the removable Secure Digital Card.

DISPLAY (4,3")
See every detail on the high definition touch-screen thanks to three zoom levels.

HIGH DEFINITION SENSOR (CSI+FOP+CMOS)
The Cesium Iodide (CsI) scintillator, the optic fibre layer (FOP) and high definition CMOS sensor (20µm) provide always-sharp, clear images.

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LONG BATTERY LIFE AND PORTABILITY

X-pod is compact, pocket-sized and offers outstanding battery life. The lithium polymer battery allows day-long use, inside and outside the surgery, without ever having to worry about charging. Images are saved and organised in patient-specific folders on the removable Secure Digital memory card.



SMART HOLSTER

When it's not in the palm of your hand, X-pod can be stowed in the smart Holster. This holder that can be installed on any surface, such as on the arm of your intraoral X-ray unit. Thanks to the efficient, adjustable system, the image can be rotated and the display tilted to give the best viewing angle.



WORKLIST - iRYS SOFTWARE

Set up the patient acquisition list from the PC using the outstanding all-in-one iRYS software and consult patient folders on the X-pod screen. Acquire images, then display and save them directly in patient folders with all the correct position and size data. Transfer and synchronise data on the PC-based iRYS database with a USB lead at the end of the day or instantaneously via Bluetooth using secure interference-free MyRay transmission technology (Patented).



ERGONOMIC - RELIABLE - DURABLE SENSOR

The sensor features ergonomic design with rounded corners, a thin profile and a flexible lead; all this ensures adaptation to the anatomy of the oral cavity and efficient, comfortable positioning. The optic fibres layer (Fibre Optics Plate) collimates the radiation, ensuring clearly defined images and protecting against direct X-ray penetration to extend the working life of the sensor. The X-pod sensor is made of exceptionally high quality materials and is resistant to impact, liquids and dust..

Available in size 1 and size 2, it adapts to all types of examination.

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Technical specifications.

X-pod	
Handheld unit dimensions	142 x 83 x 31 mm / 5.6 x 3.3 x 1.2 pollici
Handheld unit weight	0.38 Kg / 0.8 lbs
Display dimensions	95 x 54 mm / 4.3 inches (diagonal)
Display colour performance	16.7 million colours, 500 cd/m² backlighting, anti-reflection screen
Interface requisites PC or MAC*	USB 2.0 or later, Bluetooth 2.0 EDR, SD / SDHC card
Power supply	5 V DC, 500 mA (USB) / 9 V DC, 1.5 A (fast charge adapter)
Image format	JPG, PNG, BMP, TIF
Maximum image size	3 - 4.5 Mb
Acquisition software (for PC*)	iCapture with TWAIN interface
Image management software (for PC*)	iRYS with DICOM 3.0 interface
Supported operating systems	Microsoft® Windows® 7 - 8 - 8.1 Professional (64 bit recommended) Microsoft® Windows® 10 Professional 64 bit Apple® Mac OS X 10.5 Leopard or later versions*
Display settings	280 x 1024; 1344 x 768 or greater, 16 million colours

*Note: the image acquisition and processing programme for Mac OS is NOT supplied.

Intraoral sensors	REGULAR - Size 1	LARGE - Size 2
External dimensions (mm)	38.9 x 24.9	41.9 x 30.4
Thickness (mm)	5.3	5.7
Pixel matrix	1500 x 1000	1700 x 1300
Pixel size (µm)	20	20
Max. spatial resolution (lp/mm)	25	25
Digital image depth in bits	14-bit acquisition - 16,384 levels of grey	
Scintillator technology	CsI (Caesium Iodide) with micro-columnar structure	
Protection against direct exposure	FOP (Fibre Optics Plate)	
Compatibility with X-ray generators	Any AC or DC technology X-ray generator with kV values in the 60 – 70 kV range and precision control of exposure times	

Data may be subject to change without notice. 03/2017 MXPDGB171500

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.

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