

2020 NEW



Direct USB connection
2.7 m cable length
Tear-resistant and flexible sensor body's connection
Thinner body; only 4.8mm thick

I-View Gold

CMOS INTRAORAL SENSOR
The most advanced technology to obtain intra-oral images.

The sensor covers a wide range of exposure settings, capturing a consistent and diagnostic image under any conditions.

TWAIN Interface
DICOM files format
Supports up to 10 network users
"Bridge" function included

Dimensions:
Size 1: 25.4 x 26.8 mm
Size 2: 31.3 x 42.9 mm
Thickness: 4.8 mm

Specifications:
Detector: CMOS
Pixel size: 19 µm
Theoretical Resolution: 27 lp/mm
Dynamic Range: 12 bit

Deep View 4® Software
Latest generation of Deep View software with management of multiple databases and easy configuration of the device for image acquisition.

- Multiplatform option
- Advanced image filters
- Wide variety and customization of templates for the Full Mouth series exams
- Simulation of implant measurements and medical reports with teething groove
- Voice guidance option for image acquisition.
- Report / export of images in DICOM formats
- Print images with design customization

Technical information

	INTRAOURAL XRAY GENERATOR	
	RUX 70	RUX 70 DC
Version	60 / 80 / Mobile	60 / 80 / 100 / Mobile
Tube Voltage	70 kVp ± 10%	60 kVp ± 8 % 85 kVp ± 8 % 70 kVp ± 8 % 7 mA± 10 %
Anodic current	7 mA± 10 %	7 mA± 10 %
Duty cycle	1:60	1:30
Nominal power	490 W (70 kVp - 7 mA)	400 W (70 kVp - 7 mA)
Total filtration	± 2.1 mm Al	1.5 mm Al Ec. @ 70 kVp
Focal spot	0.7 mm (IEC 60336)	0.4 mm (IEC 60336)
Distance focus to skin	22 cm	30 cm
X Ray beam diameter at 200 mm focus	60 mm	60 mm
Beam limiting device (additional)	NO	Rectangular 36 x 45 mm
Reach	60 cm arm length 80 cm arm length	1700 mm 1900 mm

	INTRAOURAL SENSOR	
	I-View	I-View Gold
Sensitive (active) area	30 x 20 mm (size 1) 33 x 25 mm (size 2)	30 x 20 mm (size 1) 38 x 26 mm (size 2)
Dimensions	25 x 39 x 5.3 (size 1) 30.5 x 42 x 5.6 (size 2)	25.4 x 36.8 x 4.8 mm (size 1) 31.3 x 42.0 x 4.8 mm (size 2)
Number of Pixels	1500 x 1000 (size 1) 1650 x 1250 (size 2)	1666 x 1110 (size 1) 1998 x 1442 (size 2)
Pixel size	20 x 20 µm	18 x 18 µm
Spatial Resolution	20 lp/mm typical (theoretical 23 lp/mm)	27 lp/mm typical (theoretical 27 lp/mm)
Dynamic range	14-bit ADC	12-bit ADC
Scintillator type	CdI	CdI

	PHOSPHOR PLATE SCANNER	
	Reader	Reader
Input Voltage	100-240V AC, 50-60 Hz	24 VA
Power Consumption	16 W	16 W
Dynamic Range	14-bit/mm	14-bit/mm
Resolution	14-bit/mm	14-bit/mm
Connection to PC	USB 2.0 (A type) cable 1 m	0 - 1 - 2 - 3
Plate size	170 x 190 x 300 mm	7 kg
Measures		
Weight		

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Technical information

	X-View				
	PANORAMIC	3D PAN	CBCT	3D ONLY	CEPHALOMETRIC
	2D PAN	3D PAN	3D ONLY	CR	DR
	F-Play Filter				
Generator	High Frequency DC Generator				
Operative Mode	Direct	Pushed	Direct	Direct	Direct
Tube Voltage	61-85 kVp	73-85 kVp	73-85 kVp	61-85 kVp	61-85 kVp
Anode Current	5-10 mA	5-10 mA for PAN 6.3-10 mA for CBCT	6.3-10 mA for CBCT	5-10 mA	5-10 mA
Focal Spot	0.5 mm				
	Detector				
Image Detector	CCD TDI	CMOS	CMOS	CR	CMOS
FOV or area	300x150	85 x 85 CBCT 300 x 130 PAN	90 x 90	300 x 240	300 x 250
Sensor Pixel size	27 micron	100 micron 100 micron CBCT	85 micron	150 micron	125 micron
Pixel/View size	81 micron	166 micron PAN 100 micron PAN	121 micron	150 micron	125 micron
	Acquisition				
Exposure time	4.4 - 15.5 s	6.8 - 7 s	One shot: 500 ms - 2 s	One shot: 200 ms - 300 ms	
Scan time	4.4 - 15.5 s	9.7 - 12.2 s	12 s	Immediate	
Exams	Standard Panoramic Panoramic for Children Frontal Dentition TMJ Sections Maxillary Sinuses	Volumetric 3D Dentition 3D and 2D TMJ Sections Standard Panoramic Panoramic for Children Frontal Dentition	Volumetric 3D Dentition Left/Right TMJ 3D Maxillary Sinuses	LL CEPH 33 x 24 LL CEPH 24 x 24 AP CEPH Cephus	
Optional Exams for ZEPHA and ZEPHA	Reduced Dose Panoramic, Enhanced Orthognality, Right Bitewing, Left Bitewing, Right and Left Bitewing				
PC included	optional	included			
	Image Format				
Exportable image format	JPEG, BMP, PNG, TIFF, DICM, STL (only for XView 3D Xelis advanced option)				
	Dimensions				
Height	233,5 cm				
Weight	125 kg				+23kg
	CECOM 3.0 (optional)				
Only Print	Print				
Full	Basic, CT, Workset, Print, Storage, Retrieve and PACS				

MADE IN ITALY BY TRIDENT

PRODUCT CATALOGUE



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