

Omnera 500A

Designed for Patient Centric Care

This digital X-ray system incorporates decades of imaging performance and reliability. The auto-positioning technology combined with focus on patient centric care maximizes your patient throughput while creating a first class working environment.

Features supporting high work flow

Predefined anatomical programs
 With one touch exposure parameters,
 position and collimation is defined.

Auto positioning When anatomical program is selected system goes to pre-defined position.

• Light weight OTC Allows easy and smooth fine-tuning of the tube position.

Auto tracking Wall stand The tube tracks the vertical and tilting movements of the detector.

Auto tracking Table When the table top height is adjusted up/down the tube will automatically move in order to keep the SID constant. SID = Source image distance, tube focus to detector surface.

• Automatic stitching

Scoliosis and long legs examinations are performed fast and easy by automatic stitching functionality. Area of interest is easily defined with collimator light field.

OTC Display information

Patient information and information about the selected examination is shown on the tube display. Exposure parameters as for example patient size or selected AEC



chamber can be changed from the tube display.

Remote control

Positioning can be performed with a Remote control (optional) for more flexible work flow.

Ergonomic and light-weight detectors
 Light weight and with ergonomic
 interfaces for secure and efficiency.

Dose awareness

• Detector with high DQE

Detector with high DQE (Detective Quantum Efficiency) is used securing good images to low patient dose.

Automatic Exposure Control (AEC) AEC can be used for examinations performed at the Table and Wall stand. The use of AEC secures that the correct amount of dose is used in order to create a diagnostic image.

DAP

Monitoring of the patient dose; Dose Area Product Meter. The value is shown with the image and included in the DICOM header.

Exposure Index

Exposure index indicates if the correct amount of dose were used or not. This value is shown together with the image.

General information

Classification of installation and use:	Fixed / permanently installed
Device type	System
(component/sub-assembly/ equipment/ system):	
Intended use	Radiography
(Including type of patient, application location):	
Mode of operation:	Continuous standby with non-
·	continuous loading
Supply connection:	Permanently installed

Classification (according to IEC 60601-1)

	•
Class	Class I equipment. All dead metal parts of the
	equipment are electrical connected to protective
	earth.
Applied part	Type B

Energy consumption

/h]
15
07
31

P_{off} = 0 kW, P_{lowpower} = P_{idle} = 0,13 kW, P_{ready} =0,23 kW

X-ray Generator

Generator name/type number	High Frequency Generator
Switching Frequency	100 kHz - 220 kHz
Nominal kW output of generator	65 kW
	Option: 80kW
kVp range	40 – 150 kV
mA range	10 to 630 mA (50 kW)
	10 to 800 mA (65 kW)
	10 to 1000 mA (80 kW)
mAs range	0.1 to 630 mAs (50 kW)
	0.1 to 800 mAs (65 kW)
	0.1 to 1000 mAs (80 kW)
Exposure time	0.001 – 6.3 s
System Cabinet (L x W x H) mm	750 x 600 x 1125 mm

Electrical characteristics

	380 V 3° or 400 V 3N or 400 V 3° or 480 V 3° 50/60 Hz Long-time (stand by / positioning) 2A Momentary (exposure): 150 A, Class 1, Type B
Heat dissipation	1713 BTU/H

			Minimum Recommended			
Generator Series and Mains Voltage	Generator Momentary Line Current	Apparent Mains Resistance	Mains Disconnected to Generator (15 ft/5m max)	Generator Service Rating	Distribution Transformer Rating	Ground Wire Size
50 kW 400 VAC, 3p.	100 A	0.17 Ω	13.3 mm ²	100 A	65 kVa	13.3 mm²
65 kW 400 VAC, 3p.	125 A	0.13 Ω	13.3 mm²	100 A	85 kVa	13.3 mm²
80 kW 400 VAC, 3p.	155 A	0.10 Ω	13.3 mm ²	100 A	105 kVa	13.3 mm ²

Environmental Requirements

Ambient transport and storage temperature	-40 °C - +70 °C
Ambient operating temperature	+10 °C - +40 °C
Transport and storage humidity (relative)	10-90%, non-condensing
Operating humidity (relative)	30-75% RH, non-condensing
Maximum transport and storage altitude	500-1060 hPa
Maximum operating altitude	700-1060 hPa

Overhead Tube Crane

General

Rotation range ceiling (beta)	>340°
Rotation range tube arm (alpha)	>±135°
Column (Z stroke)	1750 mm
Longitudinal movement (X stroke)	3190 mm (X-rail 4 000 mm)
Transverse movement (Y stroke)	4160 mm (Y-rail 5 000 mm)
	(if cable carraige is used, the stroke is reduced 105
	mm for each wagon)

Electrical Characteristics

Mains voltage	230 VAC, 50/60 Hz center tapped single phase 4A
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Speed Low speed – Maximum speed

Z movement	60 mm/s
X movement	250 mm/s – 500 mm/s
Y movement	250 mm/s – 500 mm/s
α movement	16°/s
β movement	16°/s

Image receptor holder movement (with 50 kg	166 mm/s – 350 mm/s
mass)	

OTC Display

Size	12,1"
Viewing area	262W x 164H mm
Туре	TFT
Resolution	1280 x 800 pixels
Information:	Patient name, ID, Birth date, age, gender Beta and alpha angle. SID or height above table. Active mode; Table – Wall stand – Free or Stitching.
Information and changeable parameters:	Technique, X-ray tube voltage, X-ray tube current, radiography time, density, AEC (Automatic Exposure Control), beam hardening filter, patients size setting selection etc.

X-ray Tube Unit

Max kVp rating	150 kV
Focal spot input power	40/100 kW
Focal spot sizes	0.6/1.2 mm
Anode heat storage	400 kHU, 600 kHu (option)
Anode angle	12°
Housing heat storage	2.000 kHU
Anode cooling rate	125 kHU/min
Anode rotation speed	180 Hz

Collimation

Aluminum equivalent contribution to total filtering (X-ray beam = 75 kV)	Min. Al 1.2 mm
Additional Filtration (X-ray beam = 75 kV; EN60601-1-3: §7.3, §7.5)	1 mm Al + 0.1 mm Cu 1 mm Al + 0.2 mm Cu Combined 2 mm Al + 0.3 mm Cu
Shape of the radiation field	Rectangular
Lamp:	LED
Rotation angle:	±90°
Center marker:	Center if the radiation field is indicated by a cross.
Bucky light:	Radiation field center is indicated by a laser beam for positioning.
Beam limiting method:	Automatic (adjusted to detector size and location in detector holder) Manual (adjusted by the user)

Wall stand

General

Vertical stroke	~1582 mm (1897 mm with tilted detector)
Motorized rotation range of imaigng unit	-20° - +90°

Configuration

Operating method:	Motorized and manual vertical
	Motorized tilting (option)
Balancing mechanism:	Counterweight

Table

General

Movement	6-Way
Operating method:	Motorized vertical and floating table top
Patient load (Dynamic load center):	300 kg

Table top height

Lowest table top position (from floor to table top	55 cm
surface)	
Vertical stroke	38 cm

Table top

Al eqv.	0,9 mm
Table top dimension	2424 mm x 850 mm
Table top transparent area	2400 mm x 613 mm
Table top thickness	21,5 mm
Length of stroke, X direction	± 600 mm
Length of stroke, Y direction	± 150 mm
Movement ragne of the imaging unit	>650 mm

Electrical Characteristics

Maximum power without external electronics	500 W
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External Electrical Characteristics

The external electronics must be approved according to IEC60601-1. If any external electronics is installed the end product must be tested according to IEC60601-1.

Power output to external	110-240 VAC 50-60 Hz
	Single phase 10A
Power output external 24 VDC	24 VDC 3A

X-ray grids

Interspace material	Al
Cover material:	Al or Carbon
Grid density	40 lp/cm or 52 lp/cm
Grid ratio:	10:1

Focusing distance:	110, 115, 140, 150, 180
	Stationary
	Detachable
	Light weight detector holder with integrated grid.
	Portrait version
701/710 Portable W/Holder with grid	Grid specification:
	Carbon fiber cover + fiber interspaced
	52 lines/cm, ratio 8:1, Focal distance: 110 cm.
	Light weight detector holder with integrated grid.
	Grid specification:
801/810 Portable W/Holder with grid	Carbon fiber cover + fiber interspaced
	52 lines/cm, ratio 8:1, Focal distance: 110 cm.
	Portrait version
	Light weight detector holder with integrated grid.
	Grid specification:
401/410 Portable W/Holder with grid	Carbon fiber cover + fiber interspaced
	52 lines/cm, ratio 8:1, Focal distance: 110 cm.
	Portrait version
	Light weight detector holder with integrated grid.
	Grid specification:
401/410 Portable W/Holder with grid	Carbon fiber cover + fiber interspaced
	52 lines/cm, ratio 8:1, Focal distance: 140 cm
	Portrait version

Flat Panel Detector

High end detectors	
Wireless	
Scintillator	Csl
Fluid Resistance	IPX7
On-board image storage	Up to 99 images
Pixel size:	125 μm
A/D conversion:	16 bit
Resolution:	4.0 lp/mm
DQE:	0.74 @4.3μGy, Spatial frequency 0 lp/mm
Preview Image time:	1 sec.
Cycle Time:	7 sec.
Wireless channel/band	2.4 GHz, 5 GHz (W52, W53*, W56*, W58) *) W53, W56 supports only in Module receiver mode
Local storage	Able to store 99 images
Load capacity:	Uniform load (over the whole area of the detector surface): 310 kg or less Uniform load (effective imaging area): 150 kg or less Local load (On an area 40 mm in diameter): 100 kg or less
CXDI-710C Wireless	
Size	35.0 x 42.6 cm
Effective imaging area:	350 x 426 mm

Image matrix size:	2800 x 3408 pixels
Weight	2.3 kg
CXDI-810C	1 3
Size	35.0 x 27.4 cm
Effective imaging area:	350 x 274 mm
Image matrix size:	2800 x 2192 mm
Weight	1.8 kg
CXDI-410C	
Size	42.6 x 41.5 cm
Effective imaging area:	426 x 415 mm
Image matrix size:	3320 x 3408 mm
Weight	2.8 kg
Mid range detectors	
Scintillator	CsI
Fluid and dust resistance	IP55
Pixel size:	125 μm
Resolution:	4.0 lp/mm
DQE:	Typical 65% (0 lp/mm)
Preview Image time:	1 sec.(Dependenton acquisition mode)
Cycle Time:	7 sec.(Dependenton acquisition mode)
Wireless channel/band	2.4 GHz, 5 GHz (W52, W53*, W56*, W58) *) W53, W56 supports only in Module receiver mode
Load capacity:	310 kg
Battery performance	 Standard synchronizationmode: 1000 images @ 7 sec. cycle, 108 images @ 100 sec. cycle. Non-Generator Connection mode: 1000 images @ 7 sec. cycle, 90 images @ 100 sec. cycle. Detector charging in docking station: approx. 120 min.4 In battery charger
Charging performance	approx. 150 min.(At an ambient temperature of 25°C.)
CXDI-702C	
Size	38.4 x 46.0 x 1.57 cm
Effective imaging area:	35.0 x 42.6 cm
Image matrix size:	2800 x 3408 pixels
Weight	3.1 kg
CVDI 403C	
CXDI-402C	46.0 v 46.0 v 1.57 cm
Size	46.0 x 46.0 x 1.57 cm 41.5 x 42.6 cm
Effective imaging area:	3320 x 3408 pixels
Image matrix size: Weight	3.7 kg
vveigni	5.7 Ng
Fix	
CXDI-401C Compact	
Scintillator	CsI

Effective Imaging area:	415 x 426 mm
Resolution:	4.0 lp/mm
Gray scale:	4096 gray scale
Pixel size:	125 x 125 μm
Image matrix size:	3320 x 3408 pixels
Attenuation of the detector front panel:	Max 0.37 mmAl
Environmental requirements	
Operation	
Temperature:	+5°C to +35°C
Humidity:	30 to 85% RH (without condensation)
Atmospheric pressure:	700 to 1060 hPa
Operation	
Temperature:	-305°C to +50°C
Humidity:	10 to 95% RH (without condensation)
Atmospheric pressure:	700 to 1060 hPa
Dimensions	Approx. 460 (W) x 490 (H) x 15 (D) mm
Weight:	Approx. 7 kg (including cable)

Workstation / Control Software

DICOM Conformance (3.0)	
DICOM Storage SCU/SCP, Query/Retrieve SCU,	
Modality work list SCU,	
Storage Commitment SCU, Basic grayscale Print SCU,	Supported
MPPS Print	See DICOM Conformance statement for details.
Conduction Off-line examinations	

Control Software	Provide a steady and efficient workflow in the field of digital radiography when linked to an RIS/HIS network. Connect Flat panel detectors. Automatically processing of captured images to achieve diagnostic image quality. Advanced image processing features. Preprogramed anatomical programs are available and can be selected and adjusted. Exposure parameter can be selected and adjusted: kV, mA and mAs, focus size and AEC/manual exposure. New patient entry, generator parameters adjustments and post processing operations can be done by single console and monitor.
DICOM Conformance Statement Overview	The Control software implements necessary DICOM services to download work lists from an information system, save acquired DX images, CR images and associated Presentation States to a network storage device or Storage Medium, print to a networked hardcopy device and inform the information system about the work actually done. Media Storage Application Profile supported by the Control software: Compact Disk –Recordable, General Purpose CD-R.

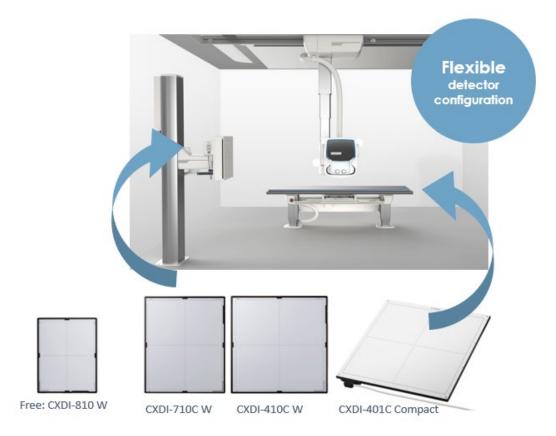
T	· · · · · · · · · · · · · · · · · · ·
	SOP classes (SCU – Yes, SCP – No)
	<u>Transfer</u>
	Digital X-Ray Image Storage – For Presentation
	Computed Radiography Image Storage
	Grayscale Softcopy Presentation State
	X-Ray Radiation Dose SR
	Workflow Management
	Modality Worklist
	Storage Commitment Push Model
	Modality Performed Procedure Step
	Print Management
	Basic Grayscale Print Management
	Multiple images can be print on a single paper with different
	formats like 1:1 and 2:1 etc.
	Presentation LUT
	Basic Processing:
	Free image rotation, Flip, Inversion (Negative/positive), Panning,
	Zoom, Brightness/Contrast, laterality mkarkers (L/R marking),
	Brightness adjustment based on Region of Interest, Crop,
	Mask, Reset/Undo
	Measure in image: Distance, angle
	Image histogram can be shown after exposure
	Advanced Image processing
Disital Income December	Advanced Image processing
Digital Image Processing	Anatomic Part (Category and Anatomical Part, Direction)
	LUT adjustments
	Enhancement
	Dynamic Range Adjustment
	Noise Reduction
	Grid Suppression
	Sharpness Adjustment
	Peripheral Mask
	Scatter Correction (option)
	Advanced Edge Enhancement (option)
	CPU: Intel Xenon 8.25M Cache, 2.90 GHz, 4 cores
PC Specification	RAM: 8 GB
. a specification	HDD: 2x500 GB, 7200 RPM
	2MP, Monitor size: 23 "
	Monitor resolution: 1920 x 1080
	Brightness: 260 cd/m2
Monitor	2nd monitor (option):
	High Brightness Review monitor
	2MP, Monitor size: 21,3"
i	Monitor resolution: 1200 x 1600
	Monitor resolution. 1200 x 1000

Weights

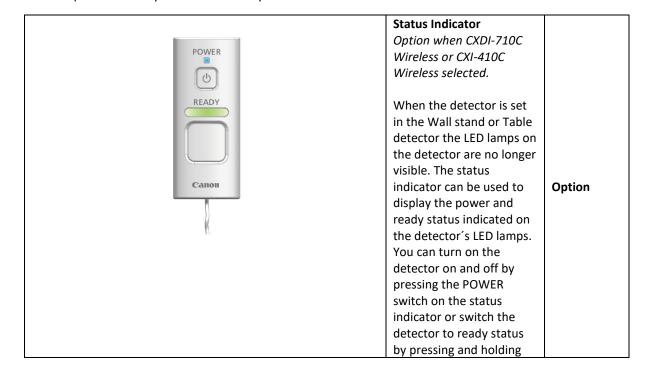
Overhead Tube Crane (OTC)~ 240 kgTube and collimator38,5 kgCeiling wagon95 kgColumn40 kgCeiling rail Y (4 m standard)28 kgSystem Cabinet134 kgTable~150 kgDetector holder~ 21 kgTable top~ 47 kgWall stand (standard)~ 180-200 kg regarding option.Wall stand, motorized tilt (option) without lateral armrest, grid and detector~ 195 kgLateral armrest2,5 kgGrid (standard Al version)~ 2,6 kgDetector holder~ 21 kgFlat Panel Detectors2.3 kgCXDI-710C Wireless2.3 kgCXDI-410C Wireless2.8 kgCXDI-810C Wireless1.8 kgCXDI-401C Compact~ 7 kg		
Ceiling wagon 40 kg Ceiling rail Y (4 m standard) 28 kg System Cabinet 134 kg Table ~150 kg Detector holder ~21 kg Table top ~47 kg Wall stand (standard) ~180-200 kg regarding option. Wall stand, motorized tilt (option) without lateral armrest, grid and detector ~195 kg Grid (standard Al version) ~2,6 kg Detector holder ~21 kg Flat Panel Detectors CXDI-710C Wireless 2.3 kg CXDI-810C Wireless 1.8 kg	Overhead Tube Crane (OTC)	~ 240 kg
Column 40 kg Ceiling rail Y (4 m standard) 28 kg System Cabinet 134 kg Table ~150 kg Detector holder ~21 kg Table top ~47 kg Wall stand (standard) ~180-200 kg regarding option. Wall stand, motorized tilt (option) without lateral armrest, grid and detector ~195 kg Lateral armrest 2,5 kg Grid (standard Al version) ~2,6 kg Detector holder ~21 kg Flat Panel Detectors CXDI-710C Wireless 2.3 kg CXDI-810C Wireless 1.8 kg CXDI-810C Wireless 1.8 kg	Tube and collimator	38,5 kg
Ceiling rail Y (4 m standard) System Cabinet 134 kg Table ~150 kg Detector holder ~21 kg Table top ~47 kg Wall stand (standard) Wall stand, motorized tilt (option) without lateral armrest, grid and detector Lateral armrest Grid (standard Al version) Detector holder Flat Panel Detectors CXDI-710C Wireless CXDI-810C Wireless 1.8 kg CXDI-810C Wireless 1.8 kg	Ceiling wagon	95 kg
System Cabinet Table 7150 kg Detector holder 721 kg Table top 747 kg Wall stand (standard) 7180-200 kg regarding option. Wall stand, motorized tilt (option) 7195 kg Lateral armrest 72,5 kg Grid (standard Al version) 72,6 kg Detector holder 721 kg Flat Panel Detectors CXDI-710C Wireless 72,8 kg CXDI-810C Wireless 73,8 kg CXDI-810C Wireless 71,8 kg	Column	40 kg
Table ~150 kg Detector holder ~21 kg Table top ~47 kg Wall stand (standard) ~180-200 kg regarding option. Wall stand, motorized tilt (option) without lateral armrest, grid and detector ~195 kg Lateral armrest 2,5 kg Grid (standard Al version) ~2,6 kg Detector holder ~21 kg Flat Panel Detectors CXDI-710C Wireless 2.3 kg CXDI-810C Wireless 1.8 kg CXDI-810C Wireless 1.8 kg	Ceiling rail Y (4 m standard)	28 kg
Detector holder ~ 21 kg Table top ~ 47 kg Wall stand (standard) ~180-200 kg regarding option. Wall stand, motorized tilt (option) without lateral armrest, grid and detector ~195 kg Lateral armrest 2,5 kg Grid (standard Al version) ~2,6 kg Detector holder ~ 21 kg Flat Panel Detectors CXDI-710C Wireless 2.3 kg CXDI-410C Wireless 2.8 kg CXDI-810C Wireless 1.8 kg	System Cabinet	134 kg
Table top ~ 47 kg Wall stand (standard) ~180-200 kg regarding option. Wall stand, motorized tilt (option) without lateral armrest, grid and detector ~195 kg Lateral armrest 2,5 kg Grid (standard Al version) ~2,6 kg Detector holder ~21 kg Flat Panel Detectors CXDI-710C Wireless 2.3 kg CXDI-410C Wireless 2.8 kg CXDI-810C Wireless 1.8 kg	Table	~150 kg
Wall stand (standard) Wall stand, motorized tilt (option) without lateral armrest, grid and detector Lateral armrest 2,5 kg Grid (standard Al version) Detector holder Flat Panel Detectors CXDI-710C Wireless 2.8 kg CXDI-810C Wireless 1.8 kg	Detector holder	~ 21 kg
Wall stand, motorized tilt (option) without lateral armrest, grid and detector Lateral armrest 2,5 kg Grid (standard Al version) ~2,6 kg Detector holder ~21 kg Flat Panel Detectors CXDI-710C Wireless 2.3 kg CXDI-410C Wireless 2.8 kg CXDI-810C Wireless 1.8 kg	Table top	~ 47 kg
without lateral armrest, grid and detector Lateral armrest 2,5 kg Grid (standard Al version) ~2,6 kg Detector holder ~21 kg Flat Panel Detectors CXDI-710C Wireless 2.3 kg CXDI-410C Wireless 2.8 kg CXDI-810C Wireless 1.8 kg	Wall stand (standard)	~180-200 kg regarding option.
Lateral armrest 2,5 kg Grid (standard Al version) ~2,6 kg Detector holder ~21 kg Flat Panel Detectors CXDI-710C Wireless 2.3 kg CXDI-410C Wireless 2.8 kg CXDI-810C Wireless 1.8 kg	Wall stand, motorized tilt (option)	
Grid (standard Al version) ~2,6 kg Detector holder ~21 kg Flat Panel Detectors CXDI-710C Wireless 2.3 kg CXDI-410C Wireless 2.8 kg CXDI-810C Wireless 1.8 kg	without lateral armrest, grid and detector	~195 kg
Detector holder ~ 21 kg Flat Panel Detectors CXDI-710C Wireless 2.3 kg CXDI-410C Wireless 2.8 kg CXDI-810C Wireless 1.8 kg	Lateral armrest	2,5 kg
Flat Panel Detectors CXDI-710C Wireless CXDI-410C Wireless CXDI-810C Wireless 1.8 kg	Grid (standard Al version)	~2,6 kg
CXDI-710C Wireless 2.3 kg CXDI-410C Wireless 2.8 kg CXDI-810C Wireless 1.8 kg	Detector holder	~ 21 kg
CXDI-410C Wireless 2.8 kg CXDI-810C Wireless 1.8 kg	Flat Panel Detectors	
CXDI-810C Wireless 1.8 kg	CXDI-710C Wireless	2.3 kg
	CXDI-410C Wireless	2.8 kg
CXDI-401C Compact ~7 kg	CXDI-810C Wireless	1.8 kg
	CXDI-401C Compact	~7 kg

Options and Accessories

Detector configuration



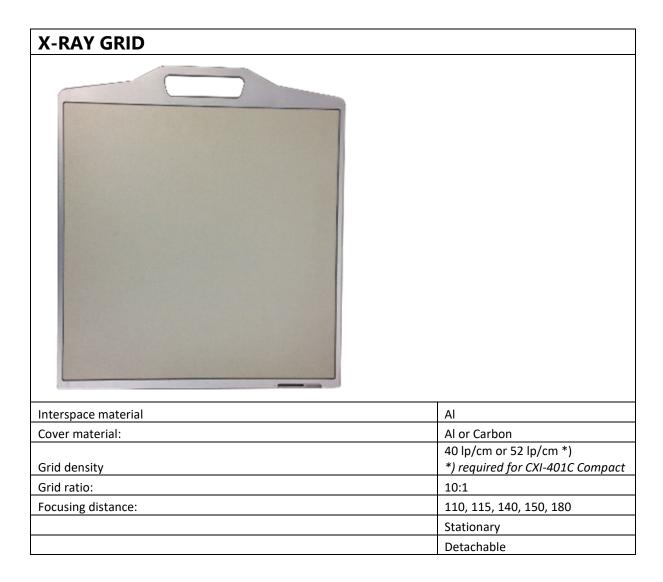
The system can be configured with up to four detectors. When the CXDI-710 W, CXDI-702W, CXDI-402C or CXDI-410 W detector is positioned in the detector holde, r battery is automatic charged and the image transferred via wire. The detector can be loaded both from the left and right side of the Wall stand in order to suit the specific room layout in the best way.



	the READY switch on the status indicator. The status indicator can be in a place where it can be easily checked during examination.	
LINK READY POWER Canon	Status Indicator CXDI-401C Compact (included when Compact detector is selected)	Included for fix detector

	Ready Indicator	
B Canon C T A A A A A A A A A A A A A A A A A A	(B) The LED status indicator lights up or flashes to indicate detector status, detector registration and connection status. C) IR data port, communication port for the detector link. D) Sound level up/down. Sound signals indicating when the X-rays are received by the detector.	Accessories
	FPD Docking station	Accessories
	Battery Charger	Accessories
Canon	Battery Pack	Accessories

FEATURES	
Scatter correction Option (Software)	Option
Edge Enhancement (Software)	Option
Automatic Stitching, Wall stand and table	Option
Integrated DAP	Option
(In the content of th	Servo button: Activating auto positioning. Overhead tube crane up. Collimator light on/off.



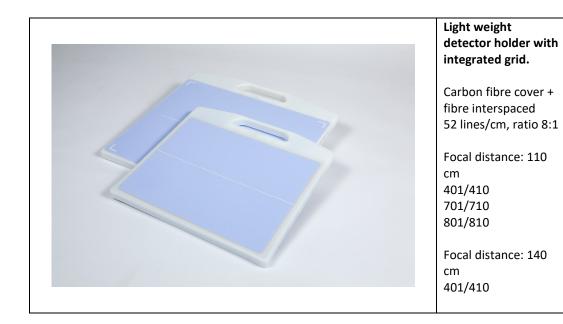
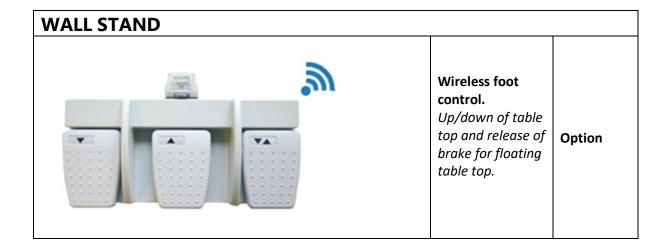


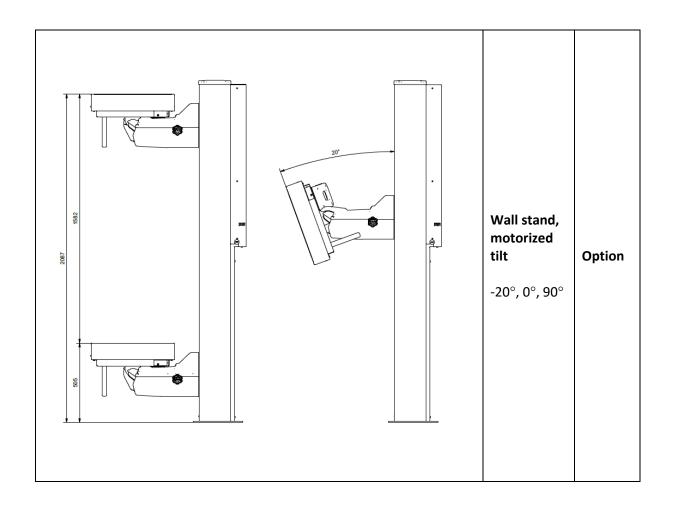
TABLE		
FLEXIBILITY - USER INTERFACES		
	Hand control for automatic collimator (1 pcs)	
	Foot Hand control for automatic collimator (1 pcs) control strip type X/Y	

	Foot control X/Y/Z (pedals, colour: blue)	Accessories
	Wireless foot control. Up/down of table top and release of brake for floating table top.	Option
PATIENT COMFORT		
	Mattress, Basic	Accessories
	Mattress, Comfort	Accessories

MODIFICAN	Patient handgrip (colour: blue)	Accessories
WORKFLOW	Lateral cassette holder	Accessories
DOSE REDUCTION & IMAGE IMPROVEMENT	Compression belt cost effective	Accessories
	Compression belt high-end	Accessories
	Form pad large – head (25x24.5x9 cm)	Accessories

Form pad medium – wedge (50x28x10/1 cm)	Accessories
Form pad small - rectangle (25x24.5x9 cm)	Accessories

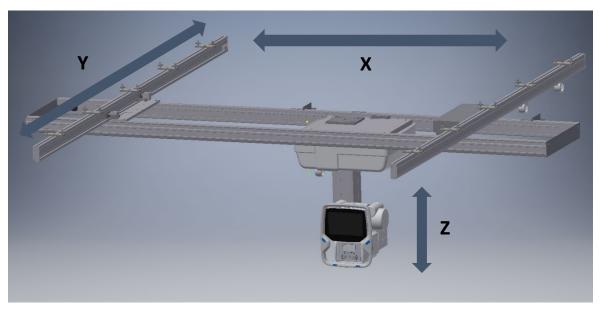




INSTALLATION RELATED OPTIONS		
	Extra Cable carriage (One included in the basic system)	Accessories
x 5	Unistrut rails, for 4 x 4 meter installation 0512-099-001 Used for rail attachment to ceiling. Needed if no other attachment possibility is present in the room where the installation is carried out.	Accessories
x 7	Unistrut rails, for 4 x 5 installation 0512-099-002 Used for rail attachment to ceiling. Needed if no other attachment possibility is present in the room where the installation is carried out.	Accessories
	Mounting kit for Unistruts rails 4 x 4 0512-099-003 Bolts, nuts and washers to prepare Unistrut rails for a 4x4 meter rail installation.	Accessories

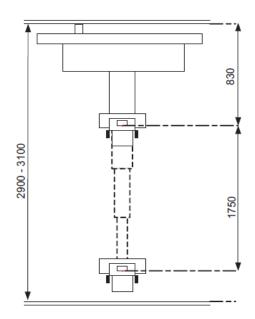


Rail (Y) and Traverse (X) lengths



4x4m Ceiling rails (XxY)
4x5m Ceiling rails (XxY)
4x6m Ceiling rails (XxY)
5x4m Ceiling rails (XxY)
5x5m Ceiling rails (XxY)
5x6m Ceiling rails (XxY)

Lengths can also be adapted for customer requirements; X < 5m and Y < 6m (option).



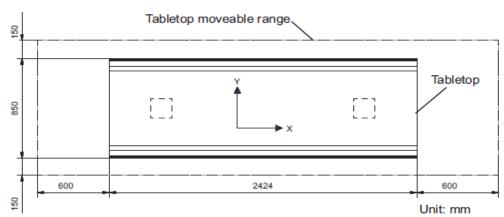
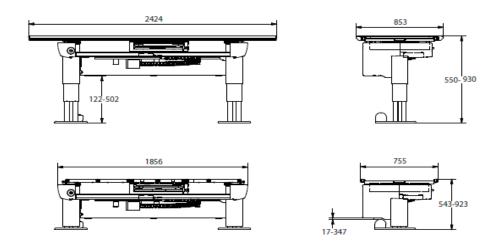


Figure 4-6



200219M01_4.1_1000_Technical Data Sheet

