ARCOMA

WORLD CLASS DIGITAL X-RAY SYSTEMS

ARCOMA

MORE THAN 2000 SYSTEMS INSTALLED WORLDWIDE

ABOUT ARCOMA

Arcoma has designed and manufactured World class digital systems since 1990. With more than 2000 systems sold globally through both OEM Imaging companies and partners Arcoma sets the standard for Digital Imaging.

Patient centric care is Arcomas approach to everything we design. Our focus is to provide an environment that maximizes comfort for both the patient and Radiographer.

Through unique combination of proven technology, Scandinavian manufacturing and process control, we manufacture some of the industries most technically advanced systems. We provide complete DR systems for use in hospitals, clinics and imaging centers of all sizes and serve customers throughout Europe, Asia, North America and Latin America.

OUR MISSION

Arcoma develops, produces and provides complete radiology solutions worldwide with the mission to improve care for the patient and work environment for the user.

ARCOMA PRECISION i5

PREMIUM DIGITAL X-RAY SYSTEM

Arcoma Precision i5 is a premium digital X-ray system that provides high quality images, clinical flexibility and superior workflow. This is one of the most reliable products on the market, designed and built in Sweden according to the highest quality standards.

The workflow is excellent thanks to state-of-the-art ergonomics and supporting features such as auto positioning, wall stand with motorized tilt and automatic detector tracking. The manual fine-tuning of the overhead tube crane is unique and can be made with minimal force. Also the ultralight and flexible Canon detectors ensures excellent imaging result at all times with minimal dose.

Superior workflow	Safe investment	Excellent imaging result

The wall stand with motorized tilt enables efficient examinations with minimal manual handling.

Arcoma Precision i5 offers a carefully designed glass overlay display completely without edges. This enables very easy cleaning and disinfection.

SUPERIOR WORKFLOW

Arcoma Precision i5 offers superior workflow thanks to state-of-the-art ergonomics and supporting features such as auto positioning, wall stand with motorized tilt and automatic detector tracking.

SAFE INVESTMENT

Arcoma Precision i5 is designed for the high-volume needs in hospital imaging departments. Its robust construction and high quality in every detail helps ensuring reliable operation, long life time and minimal service which leads to low life-time cost.

LOW DOSE

Arcoma Precision i5 provides high quality imaging with low dose for maximum patient safety. Software simulated grid is available as an option and can be used for all anatomies and can reduce dose with up to 60%.

EXCELLENT IMAGING RESULT

Arcoma Precision i5 together with Canon flatpanel detectors and image reconstruction software guarantee best possible image quality at lowest possible dose.

FLEXIBLE DETECTOR CONFIGURATIONS

The ultra-lightweight detectors can be used on board or stand-alone. Up to 4 detectors can be used with Precision i5 to provide optimal positioning and imaging flexibility. They can for example be shared between X-ray rooms or be used with mobile X-ray solutions.

SUPERIOR ERGONOMICS

Arcoma Precision i5 with its smooth floating table top, good and flexible working height together with a lightweight OTC with easy fine tuning is an ideal ergonomic solution for both patient and operator.

ARCOMA INTUITION

VERSATILE DIGITAL RADIOGRAPHY SYSTEM

Arcoma Intuition is a versatile digital radiography system that combines outstanding image quality with clinical flexibility and high productivity for a wide range of radiographic applications. The cost-effective, modular concept allows you to configure the system to precisely fit your room and your clinical requirements.

Arcoma Intuition can be installed with the Arcoma X-ray Cube, a self-supporting solution that enables quick installation in a temporary hospital or where the ceiling is not strong enough for a standard installation.

Easy workflow	Smart investment	Ergonomic design

Arcoma Intuition provides high quality imaging with the lowest dose possible.

Arcoma Intuition installed with the Arcoma X-ray Cube.

EASY WORKFLOW

Arcoma Intuition offers easy workflow thanks to automatic detector tracking, excellent fine-tuning of the overhead tube crane and the ultralight easy to handle detectors.

SMART INVESTMENT

The Intuition system provides a cost-effective solution to a wide variety of clinical needs. Its robust construction and high quality helps ensuring reliable operation, long life time and minimal service which leads to low life-time cost.

LOW DOSE

Arcoma Intuition provides high quality imaging with low dose for maximum patient safety. Software simulated grid is available as an option and can be used for all anatomies and can reduce dose with up to 60%.

EXCELLENT IMAGING RESULT

Arcoma Intuition together with Canon flatpanel detectors and image reconstruction software guarantee best possible image quality at lowest possible dose.

FLEXIBLE DETECTOR CONFIGURATIONS

Up to 4 detectors can be used with Arcoma Intuition. The flexible and lightweight detectors can be used on board or stand-alone and can for example be shared between X-ray rooms or be used with mobile X-ray solutions.

ERGONOMIC DESIGN

Arcoma Intuition offers an ergonomic solution both for the patient and the operator. Thanks to the motorized movements, smooth movements and ergonomic working height of the table Arcoma Intuition is an ideal ergonomic solution.

THE DETECTORS

PREMIUM DETECTORS FROM CANON

Arcoma Intuition and Precision is powered by Canon's wireless CXDI detectors and imaging software. The detectors are among the lightest currently available, IP57 waterproof and enables optimal imaging performance.

Powered by Canon DR

- CXDI-710CW: 35.0 x 42.6 cm - 2.3 kg
- CXDI-810CW: 35.0 x 27.4 cm - 1.8 kg
- CXDI-410CW: 42.6 x 41.5 cm - 2.8 kg

Light and wireless

Strong and durable

Optimized imaging with low dose

A comfortable hand grip enables efficient and easy transfer of the detectors.

The detectors are portable and wireless, which together with Arcoma's X-ray system enables the highest possible patient throughput.

OPTIMIZED IMAGING WITH LOW DOSE

Canon flatpanel detectors and image reconstruction software guarantee best possible image quality at lowest possible dose. Comprehensive image processing including 'Scatter Correction' and 'Advanced Edge Enhancement' imaging options optimize image quality with low dose.

LIGHT AND WIRELESS

The detectors are portable and wireless, which together with Arcoma's X-ray system enables the highest possible patient throughput.

STRONG AND DURABLE

Although the chassis and frame are lean, high performance and durability are ensured. The use of light weight materials improves the weight of the detectors as well as the strength and durability.

DUST AND WATERPROOF

Contact with fluids and dust is inevitable, particularly in emergency- and high-dependency care. Our IP protection against dust and liquid entering the FPD provides you with extra assurance in the product, while it is in use under challenging conditions, or when cleaning the product for safety.

ERGONOMIC DESIGN

The ergonomically sculpted detectors includes many features that enhances the user and patient experience. A comfortable hand grip enables efficient and easy transfer of the detectors. The detectors are also easy and pleasant to handle and position.

MULTI-FUNCTION STORAGE

The multi-function docking station combines the following capabilities in one compact desktop unit to help make your work and workflow even more convenient: Detector check in, detector battery charging, image transfer and safe detector storage.

CXDI-401C COMPACT
Dimensions: 46 x 49 x 1,5 cm
Weight: 7 kg (including cable)
Can be used with Arcoma Intuition and
Arcoma Precision i5.
Part no: 0058-099-005

CXDI-410C WIRELESS
Dimensions: 42.6 x 41.5 cm
Weight: 2.8 kg
Can be used with Arcoma Intuition and
Arcoma Precision i5.
Part no: 0058-099-008 (incl. 2x battery pack)

CXDI-710C WIRELESS
Dimensions: 35.0 x 42.6 cm
Weight: 2,3 kg
Can be used with Arcoma Intuition and
Arcoma Precision i5.
Part no: 0058-099-006 (incl. 2x battery pack)

CXDI-810C WIRELESS
Dimensions: 35.0 x 27.4 cm
Weight: 1,8 kg
Can be used with Arcoma Intuition and Arcoma
Precision i5. Note: can not be used for wall stand and
table. Only as free detector.
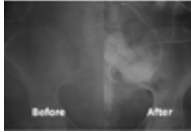Part no: 0058-099-007 (incl. 2x battery pack)

* Up to four detectors can be included in the system. A wireless detector can be added to the system when:
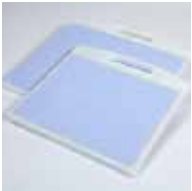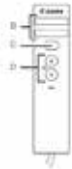- The system is staged for a wireless detector (wireless detector already included in the system).
- The wireless detector shall be used as a free detector or in a detector holder that is already prepared for the specific detector.

ACCESSORIES

KEYBOARD

The infection control keyboard is easy, quick and safe to disinfect and clean daily. The keyboard is designed for use in all medical environments and have a completely flat surface that enables easy cleaning and maximum infection control with excellent tactile key response. (Sold together with the mouse as kit)

MOUSE

The infection control mouse is easy, quick and safe to disinfect and clean daily. It´s designed for use in all medical environments and offers a flat surface that enables easy cleaning and maximum infection control. (Sold together with the keyboard as kit)

Part no:
Belgian: 1000-099-021
Czeck: 1000-099-022
German: 1000-099-023
French: 1000-099-024
Italian: 1000-099-025
Nordic (Sweden, Denmark, Finland, Norway): 1000-099-026
Portugese: 1000-099-027
Spanish: 1000-099-028
Swiss/Luxembourg: 1000-099-029
UK: 1000-099-021

EDGE ENHANCEMENT (SOFTWARE)

Image processing filter that enhances the edge contrast and sharpness of the image.

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Part no: 1000-925-003

X-RAY GRID

Stationary and detachable.

Interspace material: Al
Cover material: Al or Carbon
Grid density: 40 lp/cm or 52 lp/cm*)
* required for CXI-401C Compact
Grid ratio:10:1
Focusing distance: 110, 115, 140, 150, 180

Applicable to: Arcoma Intuition and Precision.

Part numbers:
Grid 40 lp/cm, 10:1 Ratio, F115, Al type: 0180-099-050

Grid 40 lp/cm, 10:1 Ratio, F150, Al type: 0180-099-051

Grid 40 lp/cm, 10:1 Ratio, F180, Al type: 0180-099-052

Grid 52 lp/cm, 10:1 Ratio, F115, carbon cover: 0180-099-082

Grid 52 lp/cm, 10:1 Ratio, F140, Al type: 0180-099-076

Grid 52 lp/cm, 10:1 Ratio, F180, Al type: 0180-099-061

Grid 52 lp/cm, 10:1 Ratio, F180, Carbon cover: 0180-099-083

Grid 52 lp/cm, 10:1 Ratio, F110, Al type: 0180-099-060

Grid 52 lp/cm, 10:1 Ratio, F115, Carbon cover: 0180-099-082

SCATTER CORRECTION (SOFTWARE)

Scatter correction software increases the contrast of images taken without a grid up to a level similar to images taken with a grid.

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Part no: 1000-925-011

DETECTOR HOLDER

Light weight detector holder with integrated grid.

Material: Carbon fiber cover + fiber interspaced

Measures: 52 lines/cm, ratio 8:1
Focal distance: 110 cm
401/410
701/710
801/810

Focal distance: 140 cm
401/410

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Part numbers:

701/710 Portable W/Holder with grid (8:1, 110 cm, 52lp/cm): 0058-099-009

810 Portable W/Holder with grid (8:1, 110 cm, 52lp/cm): 0058-099-010

410 Portable W/Holder with grid (8:1, 110 cm, 52lp/cm): 0058-099-011

410 Portable W/Holder with grid (8:1, 140 cm, 52lp/cm): 0058-099-012

READY INDICATOR

(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.

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Part no: 1000-099-005

FPD DOCKING STATION

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Part no: 1000-099-001

BATTERY CHARGER

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Part no: 1000-099-004

BATTERY PACK

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Battery pack (LB-1A) (2:n generation 701) part no: 1000-099-011

Battery pack (LB-4A) (3rd generation 710) part no: 1000-099-003

MATTRESS BASIC 2200 MM

A mattress for patient comfort to be placed on the carbon fibre table top.

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Part no: 0055-099-007

MATTRESS COMFORT

A mattress for patient comfort to be placed on the table top.

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Part no: 0055-099-001

LATERAL CASETTE/ DETECTOR HOLDER

Lateral casette holder that can be easily attached to the table top.

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Part no: 0055-099-011

PATIENT HANDGRIP (1 PCS)

Patient handgrip that can be easily attached to the table top for increased patient comfort.

Applicable to: Arcoma Intuition and Arcoma Precision i5.

Part no: 0055-099-014

COMPRESSION BELT BASIC Used to compress the patient to reduce the secondary radiation and thereby reduce noise in the image Applicable to: Arcoma Intuition and Arcoma Precision i5. Part no: 0055-099-028	**FOOT CONTROL (WIRED)** Wired foot control for up/down of table top. Pedal colour: blue Applicable to: Arcoma Intuition and Arcoma Precision i5. Part no: 0072-099-004
COMPRESSION BELT PREMIUM Used to compress the patient to reduce the secondary radiation and thereby reduce noise in the image Applicable to: Arcoma Intuition and Arcoma Precision i5. Part no: 0055-099-029	**PATIENT LATERAL ARMREST** Applicable to: Arcoma Precision i5 and Arcoma Intuition. Part no: 0072-099-306
FORM PAD LARGE - HEAD Form pad for supporting the patient during the examination. Measures: 25x24,5x9 cm. Applicable to: Arcoma Intuition and Arcoma Precision i5. Part no: 0080-099-052	**FOOT CONTROL** (strip type) For release of breakes for the floating table top. Applicable to: Arcoma Intuition and Arcoma Precision i5. Part no: 0055-099-025
FORM PAD MEDUM - WEDGE Form pad for supporting the patient during the examination. Measures: 50x28x10/1 cm. Applicable to: Arcoma Intuition and Arcoma Precision i5. Part no: 0080-099-050	**HAND CONTROL** For adjusting automatic collimator settings. Applicable to: Arcoma Intuition and Arcoma Precision i5. Precision i5 & Intuition (Two column table) Part no: 0055-099-009 Intuition (standard table), X/Y/Z Manouvre handle. Part no: 0181-099-008 Intuition (standard table) Autoamtic collimator. Part no: 0181-099-009
FORM PAD SMALL - RECTANGLE Form pad for supporting the patient during the examination. Measures: 25x24,5x9 cm. Applicable to: Arcoma Intuition and Arcoma Precision i5. Part no: 0080-099-051	

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