

*Intuition*  
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*Makes your  
day easy*

## Cost effective x-ray system package

Intuition is a complete radiography room system combining a new lightweight ceiling suspended x-ray tube support, a table, a wall-stand and a generator. With more than 15 years of experience in developing and building high tech x-ray solutions, we now introduce a cost-efficient x-ray system - Intuition. We focused on high-class components when selecting generator, tube, AEC chamber and DAP meter.

The digital version of the system includes the Canon detector and image system\*. The components are integrated in the system creating a smooth and trouble free operation. An important feature is the matching of user interfaces.

## A complete x-ray system

The Intuition system is a convenient alternative for you as a customer. The system is delivered fully tested and ready for a plug-in installation. Arcoma guarantees proven quality, correct certification and fast installation. The entire system is pre-assembled and tested at the Arcoma factory before shipment.

## The system is certified

The Intuition is CE certified as a system including the Canon detectors. It is also certified for the USA and Canada through cETLus.

\*Can be supplied with Canon in Europe, Africa and the Middle East through Canon authorized distributors.





## Economy from good ergonomics

With Intuition we continue our commitment to the best ergonomics. Using new technology in every detail, we have developed a ceiling suspended x-ray tube support which is the lightest on the market today. The low weight gives you fantastic handling characteristics. The radiology nurse will have an ergonomic working environment where more patients can be examined every day without stress and tired shoulders.

## Prepared for digital

When you choose digital technology, all the features in an x-ray room should be chosen with this new way of working in mind. The Intuition system will increase patient throughput because it is easy to work with. This will enable you to make full use of your digital detector and therefore contribute to overall economy. This is especially important in hospitals where, today, fewer x-ray rooms are supposed to cover more examinations.

## Arcoma proven quality

High quality pays off with fewer services, no interruptions in the workflow due to technical errors and of course, system longevity. The actual quality of the radiographic image ranks high as a criterion when choosing an x-ray system - this is why we offer components of the highest quality.

## The value chain

X-ray in modern hospitals demand a high capacity with a low cost per image and examination.

Good ergonomics > fast operation > high patient throughput > low cost

An ergonomic, high quality x-ray system will save you money in the long run.

# The Ceiling Support – lighter and smoother



Due to low weight and light handling, the time necessary for positioning is minimized.

- The weight of the ceiling support including standard tube and collimator is only 126 kg (278 lbs)
- The ceiling support is operational in rooms with a low ceiling of only 2.5 meters (8' 3")
- High speed motorized vertical movement for good ergonomics
- Graphical display for tube rotation and vertical film focus distance. The information is always displayed horizontally independent of tube rotation
- The collimator light is automatically activated when the tabletop is released
- The collimator light is activated during wall stand tracking for easier positioning.

# The Table – with flexibility in mind

With the low minimum height, the patient can easily sit down on the tabletop. The sliding image receptor tray and the longitudinal stroke of the tabletop allow for skull and foot radiographs on a trauma patient without having to move the patient.

- 300 mm (1') transversal stroke of the tabletop eliminates the need for repositioning
- The automatic table tracking will position the ceiling support at a pre-programmed film focus distance. The table height can then easily be adjusted to the operator
- The hand control and the accessories are easy to attach or remove with a new and easy to use quick-snap locking device.



# The Wall Stand – simple and effective

Examinations of tall and short patients are easy to perform due to the long stroke, 1600 mm (5' 3"), of the wall stand. It is also possible to perform examinations of patients in wheelchairs without the need to reposition them first.

- Automatic tracking of the wall stand will position the ceiling support in the height of the wall stand image receptor
- A green Indication light on the wall stand clearly indicates when the wall stand workstation is active.



# High Voltage Generator – advanced engineering

The generator meets the high requirements from the hospitals at a very attractive price. It is silent, small, reliable and with a very fast start-up time.

- Automatic exposure control with two ion chambers as standard
- High speed tube rotation as standard
- High output frequency up to 240kHz
- Extremely sharp rise and fall times
- The generator is placed in the Intuition system cabinet with all system connections prepared for easy and fast installation and service.



## Accessories



Table foot control



Patient handgrip



Cost effective compression belt



Lateral detector/cassette holder

The Intuition is highly specified in standard configuration. However, we have a range of accessories to further enhance the system to your specific needs. Examples are patient hand grip, mattress, compression belt for the table and patient arm rest for the wall stand.

*Efficient and humane*

*X-ray systems world wide*



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