Canon has been defining the future with innovative solutions for nearly 70 years. In all that time we’ve constantly strived to improve medical diagnostics in healthcare. Perhaps that’s what made us a global leader in digital radiography solutions.

Innovative wireless Flat Panel Detector for increased versatility in your DR room.

Canon Eco
Our actions are based on honesty and sustainability.

Canon Quality
Safety and quality are an integral component of our actions.

Canon Flexibility
Everything we do has to have a superior customer advantage.

Choose the Digital Radiography system of the future and let our local, authorized Canon dealer advise you.

Suitable for Retrofit
DICOM standard
High sensitivity

Suitable for Upgrade
Lightweight
Wireless
Compact

Safety and quality are an integral component of our actions.

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It’s about people.
It’s about image.
It’s about time.

The fastest way to success is to follow the freedom in your digital X-ray room. The CXDI-70C Wireless gives you unmatched highest sensitivity which assures the lowest dose for your patients. With a pitch of 125 microns, the CsI scintillator has the highest sensitivity which assures the lowest dose for your patients. The new CXDI-70C Wireless system is as easy to use as a film or CR cassette. However, by removing the need for a sensor cable, it offers all the advantages of high-end digital radiography without the restrictions of traditional systems. The delivery of X-ray images is faster and more precise, enhancing overall efficiency and reducing exposure risks. Outstanding image quality provides greater diagnostic precision and efficient medical examinations. The detector has the same dimensions as a traditional film cassette and fits directly into existing Bucky tables, allowing digital upgrade without having to modify existing analogue imaging equipment. Easy to use and lightweight, the CXDI-70C Wireless gives you increased flexibility and more freedom to provide an enhanced level of care to more patients. Canon’s data management system, combined with wireless technology is another step to help improve your workflow.

Canon CXDI-70C Wireless

- Better workflow: Using a DR system saves more than 60 percent of your time because registering the patient and cassette handling are no longer a part of the workflow.
- Flexible solutions: Whatever the limitations of the patients are – you can perform your examination and read the image in a few moments wherever you are.
- Optimized workflow: With less steps and shorter duration operation, you achieve higher diagnostic accuracy as well as adjusted post-acquisition for variances in diagnostic requirements.

Software CXDI Control Software – New Edition

- Reintroduces viewing of high-quality images.
- Group and high-resolution viewer.
- Operative workflow with less steps.
- Added GUI for intuitive operation.
- Improved operative workflow.

In addition to Canon’s advanced multi-detector technology, post-processing of X-ray images allows you the multiple possibilities within the image data to emphasize edges and digital enhancer dynamic range. For example, the snout details of trabecular bone structure in images of vertebrae can be shown as enhanced edges while retaining the information about the inner structure. This process can be preset for any DR sensor, allowing for automatic post-acquisition for variance in diagnostic requirements.

Canon has already made X-Ray history, now we’re creating the future. Canon’s first wireless, cassette-size digital radiography system gives you more freedom: whatever your DR application, the CXDI-70C gives you more flexibility when it comes to treating patients. The new CXDI-70C Wireless system is as easy to use as a film or CR cassette. However, by removing the need for a sensor cable, it offers all the advantages of high-end digital radiography without the restrictions of traditional systems. The delivery of X-ray images is faster and more precise, enhancing overall efficiency and reducing exposure risks. Outstanding image quality provides greater diagnostic precision and efficient medical examinations. The detector has the same dimensions as a traditional film cassette and fits directly into existing Bucky tables, allowing digital upgrade without having to modify existing analogue imaging equipment. Easy to use and lightweight, the CXDI-70C Wireless gives you increased flexibility and more freedom to provide an enhanced level of care to more patients. Canon’s data management system, combined with wireless technology is another step to help improve your workflow.

**FEEL THE FREEDOM**

The new and lightweight Imaging area 350 W x 426 L mm.

**Power at your fingertips.** The CXDI-70C Wireless incorporates Canon’s newly developed glass substrate which provides a pixel shape without the need for any sensor cables. Rethinking gets in the way of safe operation. The improved; high-quality diagnostic display puts you in the picture quickly and in a quality that sets new standards.

**More than one sensor can be connected to a single control station.**

**The Unit...**

- The CXDI-70C Wireless detector including batteries + charger
- Control PC with advanced CXDI-NE software preinstalled
- DICOM Storage, Print Management, Modality Worklist, Performed Procedure Step (PPS), Performed Procedure Step (PPS), Performed Procedure Step (PPS)
- Support for various diagnostic requirements
- DICOM 3.0 compliant. X-ray images are forwarded to the PACS.
- A typical procedure starts with a study order being sent from the HIS or RIS to the Control Station. After image acquisition the study data is communicated to the control station in the PACS.
- DICOM is compliant. X-ray images are sent to servers using Storage Service Class (SSC) and to printers using Print Management Service Class (SMSC).

**Specifications**

- **Pixel pitch:** 384 W x 460 L x 15 D mm
- **Weight (incl. battery):** 3.4 kg (7.5 lb.)
- **Scintillator:** CsI
- **Resolution:** 2800 x 3408 Pixels (9.5 Megapixels)
- **Pixel pitch:** 125 microns
- **Image available time:** Less than 3 hours
- **Max mode:** 800 images (@ 15-second cycle, 1-second sleep), 3 hours
- **Ave. mode:** 140 images (@ 100-second cycle, 1-second sleep), 4 hours
- **Save mode:** 6.5 hours @ sleep mode
- **Recharge time:**
  - High resolution image: 5 minutes
  - Preview image: 3 minutes
  - Battery performance:
  - Max mode: 400 images (15-second cycle, 1-second sleep), 4 hours
  - Ave. mode: 800 images (100-second cycle, 1-second sleep), 4 hours
  - Save mode: 8 hours @ sleep mode
- **Stand:** Mobile X-ray Stand
- **Options:** Handle unit / detachable grid / additional batteries / wiring unit
- **Cycle time:**
  - High resolution image: 5 minutes
  - Preview image: 3 minutes
- **Composition:**
  - **Stand:** Mobile X-ray Stand
  - **Camera:** Canon EOS 5D Mark II | f11 | 1/800 | ISO 250
  - **Cycle time:**
  - High resolution image: 5 minutes
  - Preview image: 3 minutes

**Options**

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- **DICOM Storage, Print Management, Modality Worklist, Performed Procedure Step (PPS), Performed Procedure Step (PPS), Performed Procedure Step (PPS)
- Support for various diagnostic requirements
- **DICOM 3.0 compliant. X-ray images are sent to servers using Storage Service Class (SSC) and to printers using Print Management Service Class (SMSC).**

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