Changing the worldwide medical scene with a stream of innovative products.
Since pioneering the world’s first digital X-ray system Fuji Computed Radiography (FCR) in 1983, Fujifilm has maintained its focus on technological innovations and now offers yet another new solution to the medical field, Fujifilm Digital Radiography Systems (FDR).
Utilizing ISS-CsI Technology, FDR realizes both high image quality and reduced x-ray exposure, broadening our product lineup.
Fujifilm’s superb technologies and diversified products have gained recognition from medical institutions of all practices worldwide.
Having established a position as a leading company offering medical imaging systems, Fujifilm totally commits itself to bringing changes to the medical field under the philosophy of delivering “Gentle touch. Brilliant Image.”
Fujifilm opened up a new frontier

Fujifilm Computed Radiography (FCR), the first digital radiography system in the world was released in 1983. FCR was developed through Fujifilm’s pioneering of a new field, leading to widespread digitization of radiography as well as the evolution of diagnostic imaging.

Since the development of FCR101 the highly acclaimed world’s first digital X-ray imaging diagnostic system, the FCR series has been constantly evolving to achieve faster processing speeds in more compact bodies. Our FCR systems are now distributed widely, recording sales of more than 100,000 units across the world.*

To realize digitization of X-ray images, we endeavored to learn the true ability of film. This effort has served as a foundation for us to create the next-generation X-ray diagnostic imaging systems. Technologies gained through development of FCR are now used in a variety of Fujifilm’s products.

With our pioneering spirit and capability to create advanced technologies, we keep introducing new products, always looking into the future.

“Gentle touch. Brilliant image.”

The latest modality in the world at that time, FCR brought about a drastic change in medical X-ray imaging diagnostics. With the pioneering spirit and expertise in technologies nurtured through the development of FCR, Fujifilm will continue to develop new products that contribute to examinations more friendly to patients, technologists and radiographers, always focusing on a better future.

*As of October 2013
Fujifilm’s original technology

For General Purpose

Gentle touch. — CsI scintillator + ISS technology

Conventional method

Fujifilm’s new method

CsI scintillator

Photodiode array

Glass substrate

Photodiode array

Well-crystallized section (light is well guided.)

Poor-crystallized section (light is well scattered.)

ISS technology

ISS technology sees the TFT sensor placed in front of the scintillation layer instead of its traditional position behind it. This technology permits a higher resolution image and reduced dose.

The novel type CsI:TI FPD, combining an adhesively coupled structure with ISS method, exhibits significant improvement in image quality than conventional CsI:TI FPDs and provides a way to reduce X-ray exposure to the patient.

Fujifilm’s new Flat Panel Detector capitalizes on the high X-ray absorption characteristics of CsI and the ability of its needle crystals to deliver high image sharpness. In addition application of the company’s proprietary ISS technology has allowed even greater improvements in image quality, and lower patient dose, when compared to conventional Cs detectors.

Brilliant Image. — Dynamic Visualization

Fujifilm’s renowned diagnostic image quality has now evolved still further. Leveraging its world leading image processing technology, built on a long heritage in medical imaging, and its endless pursuit of improvements in diagnostic imaging, Fujifilm’s CONSOLE ADVANCE is more than able to meet the exacting demands of the modern medical market.

Fujifilm’s image processing technology automatically recognizes the region of interest and applies the optimum image processing parameters in order to deliver reproducible, high quality images every time. This greatly streamlines workflow thus reducing the load on Technologists and speeding up diagnosis for Doctors.

Fujifilm’s original dual mode Tomosynthesis

In breast tomosynthesis, the X-ray tube moves through an arc while acquiring a series of low-dose x-ray images. The images taken from different angles are reconstructed into a range of Tomosynthesis slices where the structure of interest is always in focus.

The reconstructed tomographic images make it easier to identify lesions which might be difficult to visualize in routine mammography because of the presence of overlapping breast structures.

The Tomosynthesis function on AMULET Innovation is suitable for a wide range of uses, offering two modes to cater for various clinical scenarios. Standard (ST) mode combines rapid exposure timing and efficient workflow with a low X-ray dose while High Resolution (HR) mode makes it possible to produce images with an even higher level of detail, allowing the region of interest to be brought into clearer focus.

- **ST (Standard) mode**
  - Angular range: ±7.5°
  - Pixel pitch: 150/100 µm
  - The smaller angular range and fast image acquisition allow Tomosynthesis scans to be rapidly performed with a relatively low x-ray dose.

- **HR (High Resolution) mode**
  - Angular range: ±20°
  - Pixel pitch: 100/50 µm
  - With a larger acquisition angle the depth resolution is improved. This allows the region of interest to be defined more clearly and brought into cleaner focus.
Digital radiography (DR) provides immediate imaging results for the operator, reducing the patient’s waiting time. Our advanced DR products deliver productivity gains for radiologists and maximized image quality.

Fujifilm’s highest-class FPD system

**FDR AcSelerate**

FDR AcSelerate, with its built-in ISS-CsI panel, performs high-speed processing. The panel offers the world's highest level DQE realized by Fujifilm's proprietary technologies, enabling patient-friendly exposures to be performed at a low X-ray dosage and superior quality images to be produced smoothly. Various options make more advanced image processing possible, helping radiologists perform effective diagnostic imaging.

- **Tomosynthesis (optional)**
  - *FDR AcSelerate only*

  Tomosynthesis is an advanced radiography application to produce multiple tomographic slices with a single sweep of the X-ray tube. With the FPD featuring a pixel pitch of just 150 µm, ISS technology and image processing technology, high quality tomosynthesis images are obtained easily, enabling more accurate diagnosis.

- **Energy Subtraction (optional)**
  - *FDR AcSelerate only*

  Energy subtraction (ES) is the technology which utilizes the difference of X-ray absorption characteristics. Patient’s heartbeat and minor movement between exposures occasionally cause misregistration artifacts. Fujifilm’s own technology Multi-Stage Registration (MSR) suppresses these motion artifacts.

- **Image stitching function (optional)**
  - *FDR AcSelerate only*

  The Automatic Image Stitching combines multiple images into a single image for viewing a wide area.

  - **Available range is up to 180 cm with 5 exposures (25 sec.) for the upright stand and 80 cm with 3 exposures (20 sec.) for the table.**
  - **For long-view imaging, an easily connectable patient stand is available from Fujifilm, providing optimized usability.**

- **Flexible Cassette Tray (optional)**
  - *FDR D-EVO suite only*

  When fitted with the cassette tray, AcSelerate accommodates a wide range of free exposure positions. You can also use the cassette for FDR Go flex in this system by pre-registering it.

  Note: When the cassette tray option is installed, some of the advanced functions cannot be used.

- **Energy Subtraction  (optional)**
  - *FDR AcSelerate only*

  *Optional parts are included in the above image.

- **Image stitching function (optional)**
  - *FDR AcSelerate only*

  *Optional parts are included in the above image.

- **Flexible Cassette Tray (optional)**
  - *FDR AcSelerate only*

  *Optional parts are included in the above image.

FDR D-EVO Suite, with the user-friendly design, offers auto-tracking of the table’s vertical movement by X-ray tube as a standard function. The combined use with Fujifilm’s console enables exposures to be smoothly performed. From Fujifilm’s cassettes of different sizes and types such as wired/wireless, you can choose the best one for your purpose.

- **No need to remove/reinstall cassettes to change orientation**
  - *FDR D-EVO suite only*

  It is possible to rotate a cassette installed in the exposure table/stand 90 degrees to change the orientation. With no need to remove and reinstall the cassette, exposure procedures are smoother than ever.

Fujifilm’s ISS (Image Stabilization System) technology ensures superior image quality by effectively improving electronic noise.

*All products require the regulatory approval of the importing country. For details on their availability, contact our local representative.*
Digital radiography (DR) provides immediate imaging results for the operator and less waiting for the patient. Our advanced DR products deliver productivity gains for radiologists, while maximizing image quality.

**FDR D-EVO G35i/G35s**

Indirect conversion FPD system for general X-ray exposure, compatible with all X-ray systems.

**FDR D-EVO G43i/G43s**

The world’s first 43 × 43cm DR cassette achieved in pursuit of enhanced operability.

**SmartSwitch**

Fujifilm developed a new technology “SmartSwitch” which allows automatic X-ray detection. With “SmartSwitch,” FDR D-EVO no longer requires connection between the X-ray generator and DR power supply unit to automatically detect X-rays and start image creation.

**Wireless**

*For G35i, G43i, C35i, C43i and C24i (wireless)*

Wireless mode enables free positioning with easy handling. When used as a wireless portable type, table-top exposures are easily performed, allowing exposure situations to be expanded.

With the cable attached, the battery in the cassette can be charged. X-ray procedures run smoothly without any worry about the state of the battery.

**Quick Preview**

Fujifilm developed a new technology “SmartSwitch” which allows automatic X-ray detection. With “SmartSwitch,” FDR D-EVO no longer requires connection between the X-ray generator and DR power supply unit to automatically detect X-rays and start image creation.

- **First exposure**
  - Min. 7 sec.
- **View image**
- **Second exposure**
  - Min. 1 sec.
- **Total time** 8 sec.

*All products require the regulatory approval of the importing country. For details on their availability, contact our local representative."
Fujifilm offers various X-ray mobile systems. Our first DR mobile X-ray system FDR Go, together with D-EVO series detectors, offers exceptional image quality. The FDR Go flex allows customers to transform existing analog mobile X-ray units into DR systems very easily.

**FDR Go introduces mobile exams with Fujifilm’s trademark image quality and dose performance.**

- A reliable, high performing 32kW portable system
- Integrated Console Advance speed and ease of use
- FDR D-EVO detectors with Patented ISS
- Dynamic Visualization Image Optimization

At the bedside, in the OR, ED, ICU, NICU or anywhere in between, FDR Go is sure to bring smiles every step of the way.

**FDR Go flex**

The FDR Go flex transforms a wide range of X-ray units into wireless DR systems.

All components of FDR Go flex are extremely compact and can be transported quickly and easily.

**Lightweight and Compact**

The lightweight, compact chassis size provides superb maneuverability even in tightest spaces.

**Easy and Safe Travel**

The system’s dual motor drive provides smoother, easy steering and quiet travel. Travel speed is programmable for preferred maneuverability, acceleration and steering control. Fail safe drive handle automatically stops system when handle is released. Touch sensing safety bumper stops movement and signals user when contact is sensed.

**Comfortable Safe Storage**

Storage area holds detector(s), grid(s) and spare batteries. Detector bin features a clever shock absorbing holder.

**Suitable for various situations**

At the time of FDR Go’s introduction, it is possible to select cassettes that suit the purpose. Carrying multiple cassettes, it allows various types to be used during a round. The combination with C24i enables examinations of babies in incubators.

**Suggested cassette configurations**

<table>
<thead>
<tr>
<th>FDR D-EVO plus C24i</th>
<th>FDR D-EVO plus C35i</th>
<th>FDR D-EVO plus C43i</th>
<th>FDR D-EVO plus C43iFDR</th>
<th>FDR D-EVO plus C35i</th>
<th>FDR D-EVO plus C24i</th>
<th>FDR D-EVO plus G43i</th>
<th>FDR D-EVO plus G35i</th>
</tr>
</thead>
</table>

**Customized to your needs**

The compact, wireless FDR Go flex can be set up exactly to your specific requirements. The Utility Box is designed to fit into the cassette box of various mobile analog X-ray units.

**Stress-free operation**

Preview images are displayed only two seconds after an exposure is made meaning images can be checked quickly thus improving efficiency.

**Excellent portability**

The FDR Go flex can be used with a diverse array of units in hospitals, clinics or other medical institutions, with no modification of the mobile analog X-ray units required. As the FDR Go flex can also be carried outside the hospital, it facilitates a variety of medical needs including patient home care.

**Suitable for various situations**

At the time of FDR Go flex’s introduction, it is possible to select cassettes that suit the purpose.

- All products require the regulatory approval of the importing country. For details on their availability, contact our local representative.
FCR has remained the leader in the field for more than 30 years. FCR is a premium digital X-ray solution, offering the broadest product line to suit the requirements of nearly every imaging application. FCR is the best possible solution for transition to digital at both large and small facilities.

### Imaging Plate and Cassette

<table>
<thead>
<tr>
<th>Cassette Type</th>
<th>Size (cm)</th>
<th>IPs/hr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP ST-VI</td>
<td>14&quot; x 17&quot;</td>
<td>47</td>
</tr>
<tr>
<td>IP ST-BD</td>
<td>15&quot; x 18&quot;</td>
<td>43</td>
</tr>
<tr>
<td>IP HR-VI</td>
<td>14&quot; x 17&quot;</td>
<td>35</td>
</tr>
<tr>
<td>IP HR-BD</td>
<td>15&quot; x 18&quot;</td>
<td>35</td>
</tr>
<tr>
<td>IP LR-VI</td>
<td>14&quot; x 17&quot;</td>
<td>139</td>
</tr>
<tr>
<td>IP LR-BD</td>
<td>15&quot; x 18&quot;</td>
<td>139</td>
</tr>
<tr>
<td>IP ST-BO</td>
<td>24 x 30</td>
<td>62</td>
</tr>
<tr>
<td>IP HR-BO</td>
<td>24 x 30</td>
<td>67</td>
</tr>
<tr>
<td>IP LR-BO</td>
<td>24 x 30</td>
<td>62</td>
</tr>
</tbody>
</table>

All products require the regulatory approval of the importing country. For details on their availability, contact our local representative.
Fujifilm has always provided a variety of innovations—the world's first U.S. Food and Drug Administration (FDA)–approved CR mammography system, DR mammography systems and AMULET Innovality with proprietary technologies. Our digital mammography will keep evolving further.

AMULET Innovality— the result of Fujifilm’s ongoing "innovation" and commitment to providing top "quality" mammography services. The Innovality utilises Fujifilm’s unique a-Se direct conversion flat panel detector (FPD)* to produce clear images with a low X-ray dose. This system makes use of intelligent AEC (I-AEC) combined with a new image analysis technology to automatically optimize the X-ray dosage for each breast type. AMULET Innovality is a highly advanced mammography system which offers an extremely fast image interval of just 15 seconds.

The radiation field automatically shifts to the ideal place for patient positioning depending on the compression paddle used. For example, with the 18 x 30 cm compression plate using an 18 x 24 cm radiation field, the radiation field remains in the center for the CC position, shifting to the upper portion of the detector when the gantry is rotated to a MLO or ML position. It is possible to change the radiation field size after positioning the patient.

AMULET Innovality

**– Mammography System –**

Integrated X-ray controller allows setting and confirmation of exposure conditions on a single screen.

• Examination screen can be split and switched between 1, 2, or 4 image displays.

• Individual images can be immediately output to a PACS, viewer or printer during an examination.

• Density and contrast can be easily adjusted while viewing images.

• Alignment of left and right images can be adjusted both automatically and manually.

• A second, high resolution monitor can be added to the AWS making it possible to display previous images recalled from a PACS to ensure the mammographer has access to previous images at all times.

• For Tomosynthesis, reconstructed images can be displayed and subjected to image QC.

**AMULET Innovality**

Intelligent AEC has advantages in defining the optimal dose for an examination compared to conventional AEC systems where the sensor position is fixed. Through the analysis of information obtained from low-dose preshot images, Intelligent AEC makes it possible to consider the mammary gland density (breast type) when defining the x-ray energy and level of dose required. Able to be used even in the presence of implants, intelligent AEC enables more accurate calculation of exposure parameters than is possible with conventional AEC systems. By allowing the use of automatic exposure for the implanted breast, Intelligent AEC can further enhance examination workflow.

**Automatic positioning of radiation field**

The radiation field automatically shifts to the ideal place for patient positioning depending on the compression paddle used. For example, with the 18 x 30 cm compression plate using an 18 x 24 cm radiation field, the radiation field remains in the center for the CC position, shifting to the upper portion of the detector when the gantry is rotated to a MLO or ML position. It is possible to change the radiation field size after positioning the patient.

**Specially designed AWS (Acquisition Workstation)**

**Intelligent AEC**

Requires manual adjustment of the settings based on the assumed location of mammary gland

Automatically selects the region for exposure in the pre-shot image
Mammography Solutions

AMULET Bellus System Configuration

• One-click creation of “Normal” report

For patients where no abnormality is detected a report can be generated with a single click, dramatically reducing reporting time in a screening environment. Users can choose from customizable predefined comments when describing structures of interest. This ensures maximum speed, accuracy and reproducibility in the reports provided to referrers and clients alike.

• Intelligent Temporal Comparison (ITC)

An automatic toggle function is available to allow for instantaneous switching between the current and prior images of any given patient. Together with Fujifilm’s image processing technology which compensates differences of positioning, this allows images to be directly compared even within a detailed region of interest.

AMULET Bellus System Configuration

- Mammography Workstation –

In 2013, the mammography workstation AMULET Bellus was released, following AMULET Innovality with Fujifilm’s proprietary technologies incorporated. Fujifilm provides a total solution for mammography diagnosis. The workstation quickly displays mammographic studies even with a large data size. “Intelligent Temporal Comparison” a rapid display switching function, aids in efficient diagnosis.

• All products require the regulatory approval of the importing country. For details on their availability, contact our local representative.
Fujifilm Dry Imagers mark a revolutionary breakthrough in dry imaging. They all provide extraordinary imaging capabilities, from clear and precise images with high diagnostic value, to advanced image networking potential. From small clinics to radiology departments in busy general hospitals, there’s a Fujifilm DRYPIX imager exactly suited to every workload requirement.

**Dry Imaging Film**

Contributing to the DRYPIX series’ consistently high image quality and high throughput are Fujifilm’s industry-standard dry imaging films. Their clear, high-resolution images feature low minimum density and neutral image tone, making them comparable to those of conventional wet laser imagers. The films are available in a variety of convenient sizes.

- **DI-HT** for DRYPIX Lite
- **DI HL** for DRYPIX Smart/DRYPIX Plus
- **DI-ML** Premium Film for Mammography

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DRYPIX Lite is a compact and efficient tabletop dry imager. It supports multiple film sizes and is expandable to 2 magazines. DRYPIX Lite is an optimal choice for small clinical settings or as a part of a dispersed system in large hospitals.

DRYPIX Smart delivers superior quality images to satisfy various needs of multi-department hospitals. Despite its compact size, throughput is extremely high (80 sheets/h with 14” x 17” film) with high resolution of 508 dpi.

The remarkably efficient DRYPIX Plus is designed as a centralized imager with a maximum of 3 film sizes. Features such as unrivaled image quality, networkability, and secured backup make DRYPIX Plus a welcome addition to any hospital department.

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**DRYPIX Lite**

Fujifilm’s innovative DURATHERM™ technology ensures stable, artifact-free printing performance and extended thermal head life. Using Fujifilm’s patented micro-isolating thermal film, DRYPIX Lite produces the unrivaled image quality you have come to expect from DRYPIX imagers.

**DRYPIX Smart / DRYPIX Plus**

Fujifilm’s A-VR automatically detects and distinguishes between image data and alphanumeric characters, ensuring clear, sharp alphanumericics even when noisy images require smooth interpolation of image data. Benefits include easier, faster and more accurate diagnosis.

**DRYPIX Plus**

DRYPIX Smart/Plus’s Dry Laser Imaging System uses a photo-thermographic process, which combines laser exposure and thermal development. Following exposure to an ultra-precise laser, the photo-sensitive film is then uniformly heated using unique Fujifilm thermal element technology. Operating costs and efficiency benefit from the elimination of wet chemicals and their environmental implications.

**ECO-DRY SYSTEM**

DRYPIX’s ECO-DRY system is environmentally friendly, films to processing. DRYPIX medical films employ unique aqueous solvents that are free from unpleasant odors and create neutral colored image so crisp, they’re indistinguishable from those printed on a wet halide film. Additional ECO-DRY advantages include our development of new liquid-coating technology, which obviates the need for harmful organic solvents in the thermal development of light-sensitive materials.

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All products require the regulatory approval of the importing country. For details on their availability, contact our local representative.
Console / Workstation

The heart of the FDR/FCR systems assuring smooth workflow to a variety of facilities ranging from hospitals to clinics.

Console Advance / CR Console

The Console Advance and the CR Console perform digital imaging processes—patient identification, image preview, processing, printing, and storage, with DICOM interfacing. This high-resolution console also uses a touch-panel screen with intuitive user guidance menus which are easy to use. And then being a PC-based image processing system, they connect with various and multiple FDRs and FCRs over the network with DICOM interface for easy connectivity with other network devices.

FCRView / FCR CAPSULA V VIEW

The FCRView and FCR PRIMA Console are multi-functional workstations for clinics that provide console, viewer, and archive functionality all combined. FCRView, which is more highly functional than FCR PRIMA Console, can be connected to all the models of FCR CAPSULA and FCR PRIMA series. The FCR PRIMA Console can only be connected to the FCR PRIMA series. The FCR CAPSULA V VIEW and the FCR PRIMA V Console which are functional equivalents of the FCRView and the FCR PRIMA Console are solely for use at veterinary facilities.

SYNAPSE (PACS)

With the second-most widely used PACS system in the world, SYNAPSE has become synonymous with state-of-the-art PACS. Today, Fujifilm’s SYNAPSE portfolio of solutions provides the essential components for medical imaging practice, including:

- SYNAPSE PACS
- SYNAPSE RIS
- SYNAPSE VNA
- SYNAPSE 3D
- SYNAPSE Mobility
- SYNAPSE Cardiovascular

All SYNAPSE products offer seamless integration for single sign-on access to a range of radiography, cardiology and business management tools. Consistent interfaces across the SYNAPSE line of products smooth the transition from one set of tools to another, creating a familiar, efficient workflow for users. As part of Fujifilm’s commitment to advancing the capabilities of clinical professionals and facilities, current Synapse clients benefit from continual system upgrades.

SYNAPSE Solutions

- Thin Client Technology
  All Synapse solutions use full-featured thin-client technology. Thin-client computing makes use of a server to take on most of the data-intensive and computational workload, while the terminal or workstation provides a smaller proportion, for example, the user interface.
  In the case of Synapse, this has several benefits: maintaining security protocols can be greatly simplified, since most of the security functions run only on the central server. Terminals or workstations don’t need to have high-performance computers once their computing functions are performed at the server level. Users’ customized settings are saved at the server level and are available to the user at any workstation. Thin-client technology makes it more feasible for clinicians to work remotely (as with teleradiology) and makes it possible to build security into the architecture of the software. Finally, thin client streamlines software updates, as most of the computing is taking place on a single server.

- Managing your growing archive
  Healthcare departments create more and more patient data each year. Conventional data management systems silo data by department: each department operates its own individual storage and archive system, often creating data incompatible with the systems, collaboration between departments becomes difficult. Data migration to more efficient servers, or implementing new archiving processes becomes costly and unwieldy. Compartmentalization of archived data further impedes care center growth as managing multiple systems and data types drains IT resources.
  Fujifilm’s single-enterprise vendor-neutral archive (VNA) answers these challenges with a cost-effective solution that unifies departments and data types, making it easy for multiple departments to store and access data.

- Discover the power of SYNAPSE 3D
  For Radiologist
  - Powerful analysis tools
  - Fully integrated with SYNAPSE PACS
  - Available from any SYNAPSE Workstation
  - Familiar, intuitive user interface
  - Integrated with SYNAPSE PACS and CV
  - Comprehensive and flexible display options
  - Powerful structured reports
  - Advanced cardiology package available
  - True thin client technology
  - One-vendor solution
  - Proprietary, secure communication protocol
  - Scalable and flexible
  For Cardiologist
  For IT

Visit the Synapse 3D website ➞ http://3dimaging.fujimed.com/

For all products, please contact your local representative. For details on their availability, contact our local representative.
Fujifilm’s renowned high-contrast, high-resolution orthochromatic X-ray films provide optimum images for diagnosis.

### General Film

Super HR-T / HR-U

Super HR-T is a new high-contrast, high-resolution film for general radiography that provides consistently superb image quality. Super HR-U is a practical all-round film for general applications.

### RELATIVE SPEED

<table>
<thead>
<tr>
<th>Film</th>
<th>Super HR-T</th>
<th>Super HR-U</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR Fine</td>
<td>120</td>
<td>200</td>
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<tr>
<td>HR Medium</td>
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<td>HR Medium Plus</td>
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<td>HR Regular</td>
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<tr>
<td>HR Fast</td>
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<td></td>
</tr>
<tr>
<td>HR Ultra Fast</td>
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<td></td>
</tr>
</tbody>
</table>

### Mammography Film/Screen Systems

#### Super RX-N

Super RX-N is a wide latitude film with medium contrast for use with blue-emitting intensifying screens. This universal type film with a wide tonal range is used for all types of diagnostic applications.

#### AD-M Film

The Fujifilm AD Mammography System offers the latest film and screen technological advancements to ensure optimal image quality for mammographic applications. AD-M HC Film is a blue-base single-emulsion orthochromatic film for mammographic applications.

### AD-M HC Film

- **Super HR-T / HR-U**
- **Super RX-N**

### RELATIVE SPEED

<table>
<thead>
<tr>
<th>Film</th>
<th>AD Mammo Fine</th>
<th>AD Mammo Medium</th>
<th>UM Mammo Fine</th>
<th>UM Mammo Medium</th>
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<tbody>
<tr>
<td>AD-M</td>
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<tr>
<td>UM-MA HC</td>
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### Specifications

#### FDR Acelerate

<table>
<thead>
<tr>
<th>Ceiling tube support</th>
<th>Vertical travel range</th>
<th>1420 mm (pour height 2.5 to 2.6 B/H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Ray</td>
<td>X-ray generator output</td>
<td>400 kV with 0.6/2.2 mm focal spot (Standard)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>400 kV with 0.6/0.6 mm focal spot (Optional)</td>
</tr>
<tr>
<td>Collimator</td>
<td>Copper filter</td>
<td>2.5 m (Standard) / 4 mm (Optional)</td>
</tr>
<tr>
<td></td>
<td>Square collimation</td>
<td>Manual / Motorized</td>
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<tr>
<td>Table</td>
<td>Height</td>
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<td>Width</td>
<td>85 cm (A/B)</td>
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<td>More details (Ref. No.)</td>
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#### FDR D-EVO Suite

<table>
<thead>
<tr>
<th>Ceiling tube support</th>
<th>Vertical travel range</th>
<th>1420 mm (pour height 2.5 to 2.6 B/H)</th>
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<tr>
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<td></td>
<td></td>
<td>400 kV with 0.6/0.6 mm focal spot (Optional)</td>
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<tr>
<td>Collimator</td>
<td>Copper filter</td>
<td>2.5 m (Standard) / 4 mm (Optional)</td>
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<td></td>
<td>Square collimation</td>
<td>Manual / Motorized</td>
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<td>Table</td>
<td>Height</td>
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<td>Width</td>
<td>60 cm (A/B)</td>
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<td>Frame</td>
<td>Height</td>
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<td>Width</td>
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<td>20 to 30 degrees</td>
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### Mobile Solutions

#### FDR Go

- **Power supply**: 100/110/120-260/220/380-400 V, 50/60 Hz
- **Single-phase**: 50 kVA, Power consumption 1.260 VA
- **X-ray generator output**: 400 kV with 0.6/2.2 mm focal spot (Standard) / 400 kV with 0.6/0.6 mm focal spot (Optional)
- **Frame**: 4.5 m (17")
- **X-ray output**: 300 kHU with 0.6/1.0 mm focal spot
- **WinTube**: GOS (Gadolinium oxy sulfide)
- **Detector external size**: 280 x 204 pixels
- **Detector external size**: 280 x 204 pixels
- **Cycle time**: Less than 8 sec.
- **Battery charging time**: Approx. 5 hr.
- **Number of exposures**: Approx. 700 exposures (at 12 sec. cycles)
- **Standby power**: Approx. 2.4 W
- **Weight**: 30 kg (11 lbs)
- **Dimensions (WxHxD)**: Type D: 1270 x 1715 x 320 mm (49.6 x 67.5 x 12.6")
- **Max. patient weight**: 252 kg
- **Max. vertical range**: ±250 mm / ±120 cm
- **Max. horizontal range**: ±130 cm / ±250 cm
- **Max. tube voltage**: 100 kVp (100 kVp max.)
- **Max. exposure time**: 0.1 sec.
- **More details (Ref. No.)**: 60.8095

#### FDR Go flex

- **Power supply**: 100/110/120-260/220/380-400 V, 50/60 Hz
- **Single-phase**: 50 kVA, Power consumption 1.260 VA
- **X-ray generator output**: 400 kV with 0.6/2.2 mm focal spot (Standard) / 400 kV with 0.6/0.6 mm focal spot (Optional)
- **Frame**: 4.5 m (17")
- **X-ray output**: 300 kHU with 0.6/1.0 mm focal spot
- **WinTube**: GOS (Gadolinium oxy sulfide)
- **Detector external size**: 280 x 204 pixels
- **Detector external size**: 280 x 204 pixels
- **Cycle time**: Less than 8 sec.
- **Battery charging time**: Approx. 5 hr.
- **Number of exposures**: Approx. 700 exposures (at 12 sec. cycles)
- **Standby power**: Approx. 2.4 W
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- **Max. horizontal range**: ±130 cm / ±250 cm
- **Max. tube voltage**: 100 kVp (100 kVp max.)
- **Max. exposure time**: 0.1 sec.
- **More details (Ref. No.)**: 60.8095

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* All products require the regulatory approval of the importing country. For details on their availability, contact your local representative.
## Specifications

**FCR Solutions**

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<tr>
<th>Model</th>
<th>FCR PRIMA T2</th>
<th>FCR PRIMA II</th>
<th>FCR PRIMA</th>
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<tr>
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<td>FCR PRIMA II Drugs Reader</td>
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<td><strong>Supply</strong></td>
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<td>Measuring Hose (SL)</td>
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<td><strong>Dimensions (W x D x H)</strong></td>
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</table>

## Mammography Solutions

### AMULET Innovation
- **Time Information:** Approximately 15 seconds
- **Image output size:** 24 x 30 cm
- **Dimensions (W x D x H):** 24 x 30 cm (44.5 cm x 44.5 cm)
- **Power consumption:** Single-phase 120VAC
- **More Details (Ref. No.):** 98.1247

### AMULET i
- **Time Information:** Approximately 15 seconds
- **Image output size:** 24 x 30 cm
- **Dimensions (W x D x H):** 24 x 30 cm (44.5 cm x 44.5 cm)
- **Power consumption:** Single-phase 120VAC
- **More Details (Ref. No.):** 98.1247

### AMULET Plus
- **Time Information:** Approximately 15 seconds
- **Image output size:** 24 x 30 cm
- **Dimensions (W x D x H):** 24 x 30 cm (44.5 cm x 44.5 cm)
- **Power consumption:** Single-phase 120VAC
- **More Details (Ref. No.):** 98.1247

## Dry Imagers

### DRYPIX Lite
- **Product Name:** DRYPIX Lite
- **Recording method:** Direct laser printing
- **Image output size:** 10 x 12 cm (4 x 5"")
- **Dimensions (W x D x H):** 30 x 30 cm (11.8" x 11.8"")
- **Power consumption:** Single-phase 220VAC
- **More Details (Ref. No.):** 98.1247

### DRYPIX Smart
- **Product Name:** DRYPIX Smart
- **Recording method:** Direct laser printing
- **Image output size:** 10 x 12 cm (4 x 5"")
- **Dimensions (W x D x H):** 30 x 30 cm (11.8" x 11.8"")
- **Power consumption:** Single-phase 220VAC
- **More Details (Ref. No.):** 98.1247

### DRYPIX Plus
- **Product Name:** DRYPIX Plus
- **Recording method:** Direct laser printing
- **Image output size:** 10 x 12 cm (4 x 5"")
- **Dimensions (W x D x H):** 30 x 30 cm (11.8" x 11.8"")
- **Power consumption:** Single-phase 220VAC
- **More Details (Ref. No.):** 98.1247

### DRYPIX Plus (A15)
- **Product Name:** DRYPIX Plus (A15)
- **Recording method:** Direct laser printing
- **Image output size:** 10 x 12 cm (4 x 5"")
- **Dimensions (W x D x H):** 30 x 30 cm (11.8" x 11.8"")
- **Power consumption:** Single-phase 220VAC
- **More Details (Ref. No.):** 98.1247

### DRYPIX Plus (A10)
- **Product Name:** DRYPIX Plus (A10)
- **Recording method:** Direct laser printing
- **Image output size:** 10 x 12 cm (4 x 5"")
- **Dimensions (W x D x H):** 30 x 30 cm (11.8" x 11.8"")
- **Power consumption:** Single-phase 220VAC
- **More Details (Ref. No.):** 98.1247

### DRYPIX Plus (A1)
- **Product Name:** DRYPIX Plus (A1)
- **Recording method:** Direct laser printing
- **Image output size:** 10 x 12 cm (4 x 5"")
- **Dimensions (W x D x H):** 30 x 30 cm (11.8" x 11.8"")
- **Power consumption:** Single-phase 220VAC
- **More Details (Ref. No.):** 98.1247

Specifications are subject to change without notice. Detailed names or trademarks are the property of the respective owners.