Since the launching of our first FCR product in 1983, we have been striving to develop the FCR technology further and to make available a wide range of products. Our superb technology and diversified product lineup has gained recognition from medical institutions of all practices and to date over 70,000* digital imaging systems have been installed worldwide.

Achievement

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Quality

Unparalleled high quality
The FCR offers over 180 pre-set Exposure Menus. They are optimized to each body part and exposure techniques, and supply you with the best quality image without any extra adjustment. Such excellence has been brought about by extensive joint efforts and collaboration with experienced radiologists for over 25 years.

Durability that we can be proud of
The FCR systems have proven to be day-in and day-out reliable, thanks to the well-designed product features and the built-in redundancy that prevents problems before they occur. In working with the FCR, its proven durability will provide you with the maximum uptime for your medical facilities.

Originality

Image Intelligence™ from Fujifilm is an integration of various digital image-processing technologies to enhance the contrast and sharpness of the entire image without any risk of losing the image details. As such, Image Intelligence™ is the result of an ideal combination of Fujifilm’s many years of experience in imaging and its ability to create superior hardware and software products.

Enhances FCR images. All diagnostic scopes will be enhanced except for noise.

Flexible Noise Control
Provides a non-grainy image by mainly isolating and suppressing the noise for the signal.

Multi-Frequency Processing
Enhances FCR images. All diagnostic scopes will be enhanced except for noise.

Optional software

Grid Pattern Removal
Removes the stationary grid patterns that prevent Moiré from being generated resulting in easier diagnosis.

Only a pioneer can achieve such a thing — Fujifilm’s digital imaging system
From digitalize to output, this is Fujifilm’s seamless workflow

**DIGITALIZE**
- Compact footprint, only 0.24m²
  - The FCR PRIMA is one of the most compact and lightweight reader units on the market. The required space is comparatively smaller than other similar table-top systems and can be installed in any open space. Another advantage of this unit is that you don’t need a darkroom any longer.
- Flexible reading in various sizes
  - The IP cassette can read various imaging sizes such as for the chest, lumbar spine, pantomography (15 x 30 cm²), and extremities. Virtually all imaging requirements can be satisfied with a single unit.
- Stable and optimized images
  - Fujifilm’s Image Intelligence™ technology automatically enables stable and optimized high-quality images.

**READ**
- All-in-one workstation
  - The FCR PRIMA Console is a complete image management workstation that is designed for simple and fast patient identification, image acquiring and processing, as well as image viewing, reprocessing, optimizing, and archiving.
- Quick display and retrieval of images with simple operation
  - Easy to use menus that guide your operation from image taking to diagnosis. You can customize the user interface according to your preference such as adding shortcut buttons or removing unneeded ones. Just input the patient information and select the Exposure Menu, then a suitable image processing condition will be automatically applied and the adjusted image will be displayed for diagnosis. You can also speedily retrieve and display images from the patient database which can contain a maximum of 200,000 registrations.

**OUTPUT**
- Tabletop laser imager
  - The DRYPIX PRIMA is a compact and lightweight unit that can be located on a tabletop or workspace making it particularly suitable for sites with limited space.
- Free layout print*
  - A maximum of 100 x-ray images from different studies can be layed out on one film page and printed out. The size of each image on the film is variable.
- Output in five film sizes with only one film tray
  - You can load one of five types of DI-HL film that fits your diagnostic needs. By adjusting the tray lever on the tray to the film size you want, you can output films in five different sizes.
- Clean and user-friendly dry processing
  - Because diagnostic information accumulated in the imaging plate (IP) is read by laser beam and converted to digital data, there is no need for a liquid disposal facility, and no management and disposal of processed chemicals is required.

**Other features**
- Throughtput of up to 29 images an hour
- Repeated use of IP
- Limit of access to patient information for security
- The PDI (Portable Data for Imaging) function
- Preset image processing for more effective diagnosis
- Speedy output of up to 70 films an hour
- Easy output with one press of a button

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*Optional software of the FCR PRIMA Console (to be purchased separately).
**FCR PRIMA Specifications**

- **Standard Components**
  - FCR PRIMA Image Reader Module (Model: CR-IR 391RU)
- **Other System Components**
  - IP cassette Type CC
  - FCR PRIMA Console, FCRView
  - Dry Imager: DRYPIX PRIMA, DRYPIX 2000, 4000, 7000

**Acquired**

- imaging film
  - Type: FCR PRIMA, FCRView
  - Density: 0 dB to 12 dB

**Time Required for IP Refreshed**

- Min: 1.4 sec

**Processing Capacity**

- Up to 10 FCRView

**Reading Specifications**

- 150 gal., 15% RH

**Time to Start on Display**

- Min: 24 sec

**To Print on DRYPIX PRIMA**

- Min: 185 sec. in case of 24

**Specifications are subject to change without notice.**

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**DRYPIX PRIMA Specifications**

- **Standard Components**
  - FCRPRIMA Dry Laser Imager Module (Model: CR-IR 391RU)
- **Recording Method**
  - Laser thermal development system
- **Film Type**
  - Fuji Medical Dry Imaging Film DI-HL
  - Fuji Medical Dry Imaging Film ST-VI
  - Fuji Medical Dry Imaging Film DI-HL

**Film Loading**

- Straight film loading

**Film Tray**

- 1 tray (60 sheets/pack)

**Promising Capacity**

- Up to 70 films/hr.

**Time Required for First Output**

- Min: 35 sec.

**Image Memory**

- 256 MB

**Input Channels**

- One DICOM network channel

**Density Adjustment**

- Automatic density correction

**Dimensions**

- 460 (W) x 620 (D) x 440 (H) mm

**Power Supply Conditions**

- Single phase 50-60Hz

**Network**

- 10 Base T/100 Base TX

**Weight**

- 85 kg (190 lbs.)

**Environmental Conditions**

- Operating Conditions:
  - Atmospheric pressure: 750-1060hPa
  - Temperature: 15-30°C
  - Humidity: 15-80%RH (No dew condensation)

**Supplies**

- Fuji Medical Dry Imaging Film DI-HL
- Fuji Medical Dry Imaging Film ST-VI

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**Always at the primacy of digital imaging — the pride and legacy of Fujifilm**

**FUJIFILM**

http://www.fujifilm.com/products/medical/