

FUJIFILM

FCR XG5000

FUJI COMPUTED RADIOGRAPHY

A high-efficiency FCR reader offering quality imaging and all-round versatility for superior diagnostic capability

Image
Intelligence™



FCR

Industry-standard digital imaging technology suits your diagnostic needs

Inheriting the high productivity of the FCR 5000-series readers, Fujifilm's new XG5000 has been engineered and designed for even greater user-friendliness and efficiency, making it the standard of excellence in the FCR reader line-up. Incorporating renowned Fuji image processing technology to yield wide-latitude images of high resolution and consistently high image quality, the XG5000's compact size and unexcelled operator convenience make it the reader of choice for general-purpose diagnostic needs.

XG5000

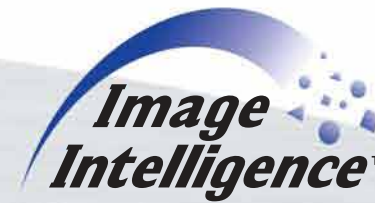
All-purpose FCR

Compact in overall dimensions yet extremely powerful in specified applications, the XG5000 can provide chest, spine, head and other plain x-ray imaging, as well as spinal canal, urinary organ, and other contrast medium x-ray imaging and x-ray tomography.



FCR Standard in Image Quality: Image Intelligence™ Inside

"Image Intelligence™" – a set of sophisticated digital image-processing software technologies available through the CR Console – processes image data and optimizes final output.



Convenience and Efficiency

A convenient stacker accommodating four cassettes at once minimizes operator waiting, enabling processing capacity of up to 120 14" x 14" films/hour.



Enhanced Inter-operability through CR Console

Standardized control of image plus data processing through the CR Console ensures consistently optimized "first-up" images, reducing time for image adjustment. Image quality is consistent with other Fujifilm CR readers, minimizing user learning.



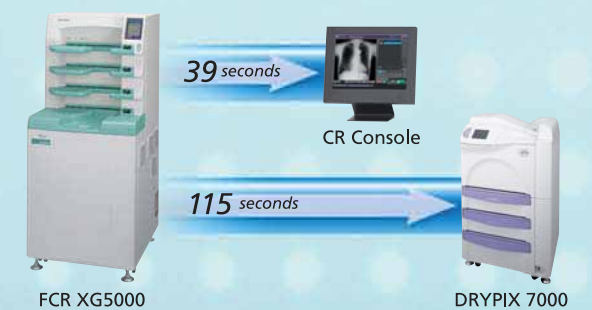
Compact Size

Operator convenience and versatility benefit from reduced exterior dimensions, including a new smaller footprint of 655mm x 740mm.



Quick Image Delivery

Connected to the CR Console, 14" x 17" images in 10-pixel resolution are viewable in only 39 seconds from time of exposure, enabling quick turn-around. When printing on DRYPIX 7000, final prints are available within 115 seconds of initial cassette insertion.



FUJIFILM FCR XG5000 Specifications

Standard Components:

- FCR XG5000 Image Reader (Model: CR-IR 362)
- AC Power Cord

Other System Components:

- CR Console Plus (sold separately)
- Image Recorder : FL-IMD, FM-DP L, DRYPIX 1000/3000/7000
- ID Card Writer
- FCR Data Management System

Supplies:

Imaging Plate Cassette:

- Type C: 14" x 17" (35 x 43cm), 14" x 14" (35 x 35cm), 10" x 12", 8" x 10", 24 x 30cm, 18 x 24cm

Imaging Plate:

- ST-VI (standard type): 14" x 17" (35 x 43cm), 14" x 14" (35 x 35cm), 10" x 12", 8" x 10", 24 x 30cm, 18 x 24cm
- HR-V (high resolution type): 24 x 30cm, 18 x 24cm

Time Required for IP Feed/Load:

IP auto feed/load mechanism cycle time

IP Type	Required Time
14" x 17" (35 x 43cm)	Approx. 60 sec.
14" x 14" (35 x 35cm)	Approx. 54 sec.
10" x 12"	Approx. 50 sec.
8" x 10"	Approx. 40 sec.
24 x 30cm (ST)	Approx. 51 sec.
18 x 24cm (ST)	Approx. 42 sec.
24 x 30cm (HR)	Approx. 65 sec.
18 x 24cm (HR)	Approx. 55 sec.

Processing Capacity

(in the high-pixel density two-image output format):

IP Type	When connected to DRYPIX 7000/CR Console Light
14" x 17" (35 x 43cm)	Approx. 103 IPs/hr.
14" x 14" (35 x 35cm)	Approx. 120 IPs/hr.
10" x 12"	Approx. 128 IPs/hr.
8" x 10"	Approx. 165 IPs/hr.
24 x 30cm (ST)	Approx. 128 IPs/hr.
18 x 24cm (ST)	Approx. 165 IPs/hr.
24 x 30cm (HR)	Approx. 90 IPs/hr.
18 x 24cm (HR)	Approx. 110 IPs/hr.

Time to Print on DRYPIX 7000 through network via CR Console:

Approx. 110 sec.

Image Reading

Reading Size	Standard Pixel-density		Hi Pixel-density	
	Spatial Resolution (Pixels/mm)	Number of Pixels	Spatial Resolution (Pixels/mm)	Number of Pixels
14" x 17" (35 x 43cm)	5	1760 x 2140	10	3520 x 4280
14" x 14" (35 x 35cm)	5	1760 x 1760	10	3520 x 3520
10" x 12"	6.7	1670 x 2010	10	2505 x 3015
8" x 10"	10	2000 x 2510	10	2510 x 2000
24 x 30cm (ST)	6.7	1576 x 1976	10	2364 x 2964
18 x 24cm (ST)	10	1770 x 2370	10	1770 x 2370

Number Of Stackers: 4

Reading Gray Scale: 12 bits

Network: 10 Base T/100 Base T

Dimensions (W x D x H): 655 x 740 x 1480mm (26" x 29" x 58")

Weight: 285kg (628lbs.)

Power Supply Conditions:

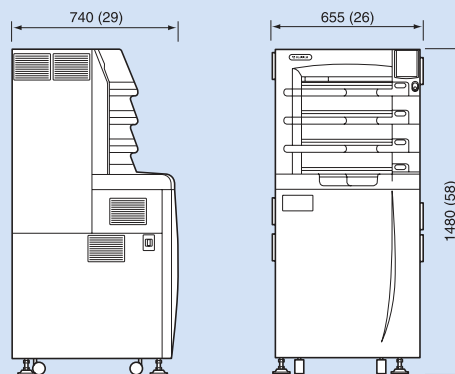
Single phase 50-60Hz
120-240V ±10%
7A (max)

Environmental Conditions:

- Operating Conditions:
Temperature: 15-30°C
Humidity: 40-80%RH (No dew condensation)
- Non-operating Conditions:
Temperature: 0-45°C
Humidity: 10-90%RH (No dew condensation)

Dimensions

Unit: mm (in.)



IP Cassette with Imaging Plate



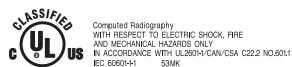
Longview Cassette:
35.4 x 83.7cm/25.2 x 58.0cm



Type C Cassette:
35.4 x 43.0cm/25.2 x 30.3cm are shown, other sizes also available.



"Image Intelligence™" is a set of sophisticated digital image-processing software technologies that are incorporated in the FCR XG5000.



Specifications and PC requirements are subject to change without notice.
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FCR Mammography is not for sale in the USA.

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