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.

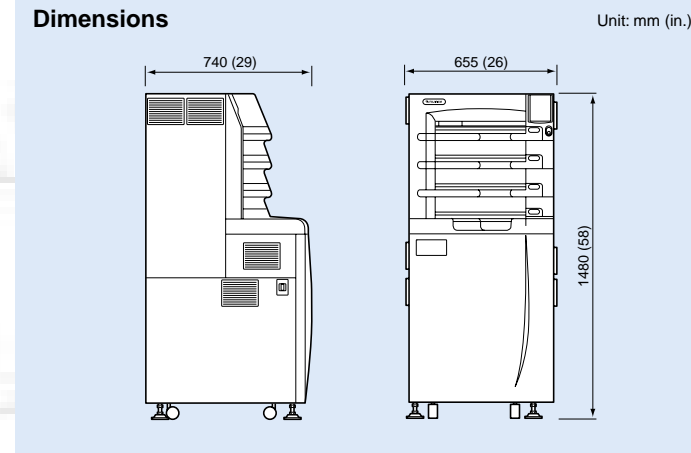**Time to Print on DRYPIX 7000 through network via CR Console:**
Approx. 110 sec.

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.)

740 (29) 655 (26) 1480 (58)

IP Cassette with Imaging Plate

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

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

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

Computed Radiography WITH RESPECT TO ELECTRIC SHOCK, FIRE AND MECHANICAL HAZARDS ONLY IN ACCORDANCE WITH UL2601-1/CAN/CSA C22.2 NO.601.1 IEC 6060-H-1   S3MK

FUJIFILM

FUJI PHOTO FILM CO., LTD.
26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO 106-8620, JAPAN
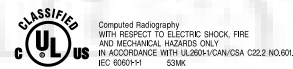

FUJIFILM
I&I—Imaging & Information

FCR
XG5000
NEW

FUJI COMPUTED RADIOGRAPHY

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

Industry-standard digital imaging technology suits your diagnostic needs

XG5000

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.

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.
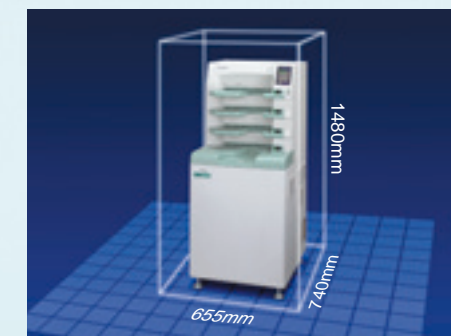
FCR Standard in Image Quality: Image Intelligence™ Inside

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

Image Intelligence™

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.

1480mm
655mm
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.

39 seconds
CR Console
115 seconds

FCR XG5000
DRYPIX 7000