FUJIFILM

FUJI COMPUTED RADIOGRAPHY

FCR Go 2

NEW

FCR Go 2 gathers smiles anytime, anyplace, anywhere.

Image Intelligence™

FCR

A flexible and high-performance digital portable X-ray unit, all you need is the FCR Go 2.

The FCR Go 2 offers you the capacity to make X-ray exposures and to preview images quickly and accurately just about anywhere. Whether it's at the bedside, in the operating room or within intensive care settings the FCR Go 2 lessens the inconveniences often experienced whilst making "the rounds". This system truly enhances efficiency by responding to diverse hospital needs.

Highly Mobile

FUJI COMPUTED RADIOGRAPHY

NEW FCR Go 2

Lightweight and compact

The lightweight, compact body provides superb mobility even in tight spaces so it offers easy manoeuvrability at the bedside.

Drive as you like it

The dual motor drive provides smooth and easy steering and comes with four acceleration modes as standard. Designed to be silent you can happily move the unit around at night.
A touch sensor on the front of the unit stops the machine automatically if it makes contact with an obstacle.

Flexible Exposure

Positioning as you need it

The telescopic arm adjusts easily to the precise, desired position. The arm also has extended horizontal and vertical movement letting you use longer exposure distances for high quality images. The X-ray tube also moves both horizontally and vertically, allowing desired positioning even when the arm is in a diagonal position.

High X-ray output

New 32 kW generator reduces exposure times to prevent motion artifacts. It also makes it possible to perform a wide range of studies on patients of all sizes from babies to the larger patients where X-ray penetration is a consideration.

Light-weight, durable and various-sized IP cassettes

The rugged lightweight IP cassettes, in a variety of sizes, add to the FCR Go 2's ability to deliver high performance in a limited space, such as at the bedside. Small-size cassettes are especially useful for NICU/paediatrics.

Fujifilm's proprietary image processing technology Image Intelligence™

Image Intelligence™

Image Intelligence™ enhances diagnostic accuracy and efficiency by analyzing the X-ray images and automatically adjusting both density and contrast.

User Friendly

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Smart and easy to use

Designed with the user in mind, a remote control panel has been attached to the tube head. From this panel it is possible to adjust both the exposure and the precise position of the unit. An integrated Source to Object Distance indicator displays the exact distance between the tube and the patient.

Collimator controls have been placed on both the front and rear of the tube head this means that it is not necessary to rotate the tube for each exposure thus increasing efficiency.

Large size display

The large, 15", display allows users to easily input and manage patient data. Images are easy to see and operations such as image quality adjustments are simpler.

Other designs for ease-of-use

■ Reserve power function for additional exposures
Approximately 10 additional exposures can be taken even in battery shortage emergencies. An LED indicator will light up to warn that the battery has almost run out.

■ ON/OFF buzzer setting
The buzzer can be turned off for nighttime use and when a quiet environment is required.

Workflow

Patient information input	Exposure preparation	X-ray exposure	Reading	Image transmission
Selecting a patient's ID from the console's integrated worklist, and choosing an appropriate anatomical programme, allows automatic selection of the exposure factors.	Adjust exposure factors if necessary, and make fine position adjustment, directly from the remote panel on the tube head. Select the perfect Cassette size to match the examination area.	Obtain a high quality image using a short exposure time facilitated by FCR Go 2's high output capability and small focal spot. A large green light allows READY to be identified at a distance. An additional light field button allows final confirmation of positioning prior to exposure.	Process the exposed Cassette. As images can be previewed immediately efficiency is greatly improved. Cassettes can be used repeatedly so there is no need to carry numerous cassettes around.	Read images can be transmitted to PACS using a wireless network, a wired connection or a USB flash drive.

FUJIFILM FCR Go 2 Specifications

Model name: FCR-MB 201

Power supply:
Charger
- 100V Type: 100/110/120V AC 10% Single phase: 50-60Hz
  Power consumption 0.7 kVA
- 200V Type: 220/230/240V AC 10% Single phase: 50-60Hz
  Power consumption 0.7 kVA

X-ray output:
- Max. rating: 32kW
- Tube voltage: 40 to 130kV in 1kV steps
- Tube Current: Max 400mA
  (for 80kV at 5mAs or less)

X-ray tube:
- Nominal Focal spot size: 0.6/1.2
- Maximum anode heat capacity: 100kJ (140kHU)
- Target angle: 17 degrees

Throughput

IP Size	Processing Capacity
35 × 43 cm (14" × 17")	Approx. 62 (87) IPs/hr.
35 × 35 cm (14" × 14")	Approx. 70 (94) IPs/hr.
10" × 12"	Approx. 73 IPs/hr.
8" × 10"	Approx. 87 IPs/hr.
24 × 30 cm	Approx. 75 IPs/hr.
18 × 24 cm	Approx. 92 IPs/hr.
15 × 30 cm	Approx. 73 IPs/hr.

- In the table above, figures in parentheses represent numbers of IPs processed at high-speed mode.

Reading Gray Scale: 12 bits/pixel

Available IP Cassette types and sizes

■ **Type CC**
  Inch settings*:
  14" × 17", 14" × 14", 10" × 12", 8" × 10", 15 × 30cm
  Metric settings*:
  35 × 43cm, 35 × 35cm, 18 × 24cm, 24 × 30cm, 15 × 30cm

■ **Type LC (Long view cassette)****
  Long-view double cassette
  Inch settings: 14" × 17" and 10" × 12"
  Metric settings: 24 × 30cm
  Long-view triple cassette
  Inch: 14" × 17", 14" × 14" and 10" × 12"

Readable IP types and sizes

■ **ST-VI (Standard type)**
  Inch settings*:
  14" × 17", 14" × 14", 10" × 12", 8" × 10", 15 × 30cm
  Metric settings*:
  35 × 43cm, 35 × 35cm, 18 × 24cm, 24 × 30cm, 15 × 30cm

■ **ST-VN (Standard type)**
  Inch settings*:
  14" × 17", 14" × 14", 10" × 12", 8" × 10"
  Metric settings*:
  35 × 43cm, 35 × 35cm, 18 × 24cm, 24 × 30cm

* Inch and metric sizes cannot be used simultaneously.
** When Type LC is used, the Auto-image composition optional software is necessary.

Environmental Conditions:
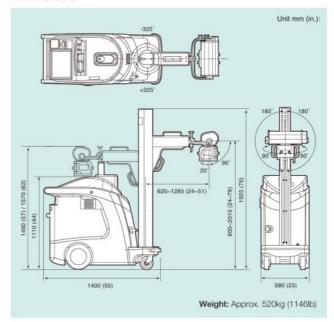- Operating Conditions:
  Temperature: 15-30°C
  Humidity: 15-80 %RH (No dew condensation)

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

This equipment is a Class 1 Laser product (IEC60825-1).

DIMENSIONS

Unit mm (in.):

Weight: Approx. 520kg (1146lb)

ACCESSORIES (Optional)

■ Barcode reader and Barcode reader holder

■ Remote hand switch

■ Apron hook

■ IP (Imaging Plate)

■ IP cassette