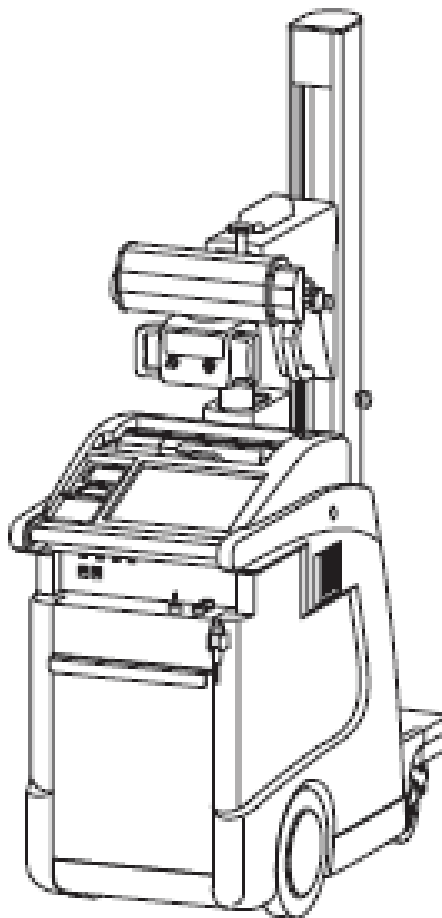


FUJIFILM

Portable Digital X-ray System

FCR Go 2

FCR-MB 201 Mobile X-ray Unit Service Manual



Document No. 014-236-01E
1st Edition Nov. 25,2010

FUJIFILM Corporation

Printed in Japan

BLANK PAGE

Handling of This Manual

About This Manual

■ Scope

This Service Manual is applicable to FCR-MB 201. The machine is categorized as Class 1 according to IEC classification.

■ Notation of Unit Symbols

For notation of unit symbols, metric units set forth in the International Systems of Units (SI) are used, as a rule. However, metric units that are allowed in the Measurement Law, not in the SI, are used in some cases.

Precautions for Handling of This Manual

1. FUJIFILM Corporation reserves all rights related to this manual.
2. This manual should be accessible only to technical service personnel authorized by FUJIFILM Corporation.
3. Since this manual contains confidential information of FUJIFILM Corporation, such as the internal structure of the product, appropriate measures should be taken to prevent illegal or inappropriate disclosure and/or use of this manual.
4. The following conducts are prohibited without prior written approval of FUJIFILM Corporation:
 - Copy or transcribe a whole or part of the contents of this manual.
 - Disclose, furnish, lend, and/or transfer a whole or part of the contents of this manual to persons other than the afore-described technical service personnel.
 - Use a whole or part of the contents of this manual for purposes other than technical servicing of the product.
5. Portions of the descriptions in this manual may be revised due to improvements on the product.
6. Accompanying documents were originally drafted in the English language.

About Notation in the Manual

■ Notation of cautions, warnings, etc.

The following symbols are used in this technical manual.



This symbol indicates a direct danger that could result in death, serious injury, or serious property damage such as fire or total loss of equipment.



This symbol indicates an indirect danger that could result in death, serious injury, or serious property damage such as fire or total loss of equipment.



This symbol indicates possible danger that could result in light or moderate injury, partial equipment damage, or computer data loss.



This symbol indicates precautions to be observed. The description in combination with this symbol indicates conditions or actions that are prohibited.



This symbol indicates precautions to be observed. The description in combination with this symbol indicates conditions that require care or that may cause danger.



This symbol indicates any recommended procedure, condition, or action that requires care when operating the equipment.



This symbol indicates supplementary information.

■ The Structure of the Service Manuals for FCR-MB 201

The service manuals for the FCR-MB 201 are composed of the following.

For the detailed servicing of CR system, servicing and maintenance shall be performed according to those service manuals.

Document Name	Content	Document Number
FCR-MB 201 Mobile X-ray Unit Service Manual	This manual	014-236-01E
FCR-MB 201 Reader Unit Service Manual	Image reading unit	014-237-01E
FCR-MB 201 Console Service Manual	Image processing unit	014-238-01E

Safety Precaution

1 Safety precaution

Although the equipment has been designed and manufactured with careful consideration for the safety of the operator and patient, and for reliability, observe the following to further ensure safety.

This equipment must be used only by qualified persons, such as physicians, dentists, and radiographers.

This equipment is classified into Class I Equipment defined in IEC 60601-1 "Medical electrical equipment - Part 1: General requirements for basic safety and essential performance" (commonly called "General requirements for safety of medical electrical equipment").

The use of X-ray equipment should be reported according to local regulations.

Never remodel the equipment.

This equipment has been fully adjusted at the factory before shipment. Do not touch any adjusted and locked parts.

As a mobile type X-ray system, this equipment, including the key switches that must be kept near the unit, must be managed very carefully for safety reasons. When this equipment is left unattended in such a place as a corridor, in particular, note that there is always a risk of cassette theft or personal information leakage.

During radiography, be sure to wear a protective apron (0.25 mmPb equivalent or more), and stand at least 2 m from the X-ray generator (mono-tank) and the patient or perform X-ray exposure behind a barrier that provides sufficient protection.

Charge the batteries in areas that provide proper ventilation.

Should any abnormalities occur in the equipment, immediately turn off the power and contact FUJIFILM Corporation or an authorized representative.

Should the equipment malfunction, check for the cause of the malfunction in the instruction manual. If no solution for the malfunction is found in the instruction manual, contact FUJIFILM Corporation or an authorized representative. Do not attempt to repair the equipment yourself without authorization.

If the motor-driven travel is disabled due to any failure of the equipment, make sure to use the emergency manual travel mode for moving the equipment. If the equipment is manually moved with the power turned on, other failures may occur.

Connect the grounding terminal of the equipment to the grounding terminal (grounding resistance: 100 ohms or less), based on a grounding resistance of 0.1 ohm or less by using a ground wire with a nominal section area of 3.5 mm².

During maintenance and adjustment of the equipment, do not touch the patient and the equipment at the same time.

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$