

1.1 Applications

■ Intended Use

The collimator R-300 is fitted to the X-ray tube unit and is used to adjust the X-ray irradiation field. Its size can be known by the emission field of visible light and the indication on the display panel.

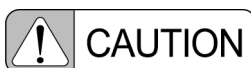
The collimator RC-300 is fitted to the X-ray tube unit and is used to adjust the X-ray irradiation field. its size can be known by the emission field of visible light. Additionally, when combined with the ceiling type X-ray tube support CH-200, its size can be known by the indication on the operation panel of CH-200.

■ Indications for Use

This unit is used for radiographic and fluoroscopic examinations of whole body except mammography and interventional procedure when combined with an X-ray high voltage generator, an X-ray tube unit, and if necessary, an X-ray tube support, an X-ray radiography stand, an X-ray radiography table or an X-ray diagnostic table, and digital radiography system.

This unit must only be operated by qualified personnel, such as radiography technicians or those with equivalent qualifications.

This unit is used for total patient population including pediatric examination.



- **Do NOT use the system for any other purpose than indicated above.**
- **Do NOT connect the system to any other equipment, either by electrical or mechanical means, or modify the system.**

1.2 Features

The collimator has a structure of multiplex leaves that removes a great quantity of extra-focal X-rays.

Furthermore, an auto-filter automatically switches X-ray filters (among "no filter" and three types of filters) according to the selected radiography menu option. This structure and these functions serve to improve the radiographic effects of the X-rays and to reduce the X-ray dose exposed to the patient.