HITACHI
Inspire the Next

General Radiography System

CLINIX II

Providing a relaxing environment

Compact radiographic system CLINIX Ⅱ provides high quality images.

Wishing to each important patient with the best quality. This is what only the clinic can do with the system which has a compact design to respond to the needs for a simple operation in radiographing a wide range of examination areas.
CLINIX Ⅱ can provide patient-friendly high quality service.

■High voltage radiography 150kV output
High voltage radiography is available for providing high quality images.

■Large output 20kW
Most of body areas can be radiographed with plenty of parameters.

■Short time radiography with large tube current 250mA
Short time radiography is available for every kind of patient.

■Large capacity 140kHU, focal spot size: 1.0mm
Adopted small focal spot X-ray tube provides sharp images with less penumbra blur.

■High image quality with high frequency inverter
It allows radiography with a fixed frequency for all radiographic parameters in providing stable X-ray output with less ripples.

Operation simplified with one-touch setting

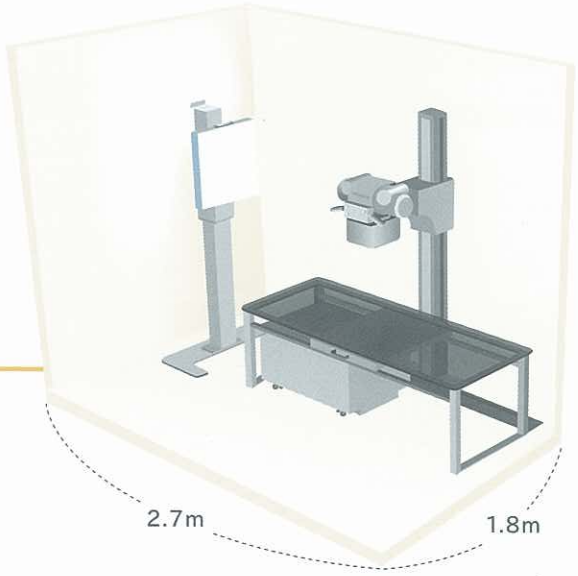
If frequently used radiographic parameters are registered in the panel buttons as in case of orthopedics imaging, radiographic parameters can be selected with one-touch without troublesome operation.

High image quality radiography allows smooth diagnosis.

Short time radiography thanks to large tube current allows applications with a variety of examinees from adult to neonate who cannot hold breath without being influenced by examinee's body size. And the sharp images with less blur bring in exact diagnosis.

Compact design adapted to save space

Design for compactness of CLINIX Ⅱ makes construction works for wall and ceiling unnecessary. This system can be installed easily in the existing building only by fixing the system to the floor.



Required installation space
2.7m x 1.8m

Specifications

Tabletop	Methacrylate resin Aluminum equivalent below 1.2mm
Tabletop height	550mm (595mm with tabletop sliding mechanism [option])
X-ray tube rotation angle	±180° (with click-stop)
X-ray tube vertical stroke	885mm (850~1735mm)
X-ray tube lateral stroke	1,050mm
X-ray tube rotation lock method	Mechanical lock method using lever
X-ray tube vertical lock method	Electromagnet-off-lock
X-ray tube lateral lock method	Electromagnet-off-lock
Grid	10:1, 40 line/cm, f=100cm (fixed)
Cassette size	6.5x8.5"(horizontally) ~ 14x17" or 18x24cm(horizontally) ~ 35x43cm

Options

Tube front/back slide mechanism	250mm
Tabletop slide mechanism	Back and forth move ±100mm

Other options

Ion chamber
Vertical bucky stand
Exposure hand-switch

Standard configuration

X-ray high voltage generator
X-ray tube assembly
Variable X-ray collimator (to be attached to X-ray tube assembly)
X-ray examination table

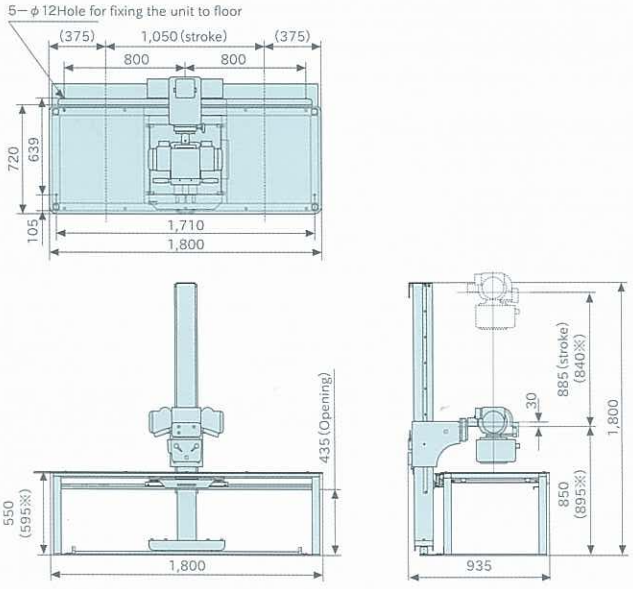
X-ray tube assembly

Max. anode heat capacity	100kJ (140kHU)
Focal spot size	1.0mm
Max. tube voltage	150kV
Target angle	12°

X-ray high voltage generator

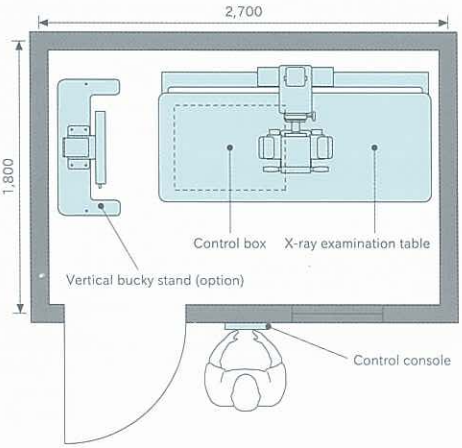
Short time ratings			Nominal max. power	Power voltage	Power capacity
150kV	100kV	80kV	20kW	Single phase 200/220V	Over 20kVA
125mA	200mA	250mA			

Dimensional drawing Scale: 1/50 Unit: mm



(※: at tabletop sliding position)

Layout drawing Scale: 1/50 Unit: mm



Hitachi Medical Corporation Medical System Operations Group, Kashiwa has established and maintains a quality management system according to ISO 9001, ISO 13485.

Hitachi Medical Corporation, Medical System Operation Group, is certified as complying with the International Environmental Management System (ISO 14001).

Hitachi Medical Corporation

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