

X-RAY RADIOGRAPHY TABLE
BK-12H, BK-12HK
SPECIFICATIONS

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1. Outline

The X-ray radiography table BK-12H/12HK can be used to perform Bucky radiography for each region of a patient, generally in the recumbent position on the tabletop, when combined with the X-ray tube unit, collimator, X-ray tube support, and inverter high voltage generator.

2. Configuration

The X-ray radiography table BK-12H/12HK consists of the following components.

2.1 Main body..... 1 set

The main body gives a posture required for radiography to patient, and consists of a floating tabletop holding base and a foot switch which controls operations of the tabletop.

2.2 Bucky device BF-10H..... 1 set

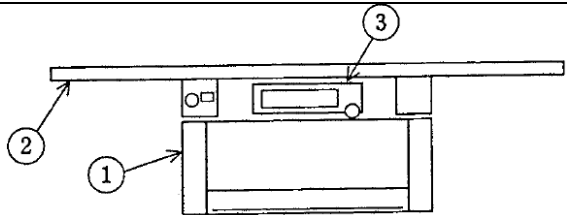
This device accommodates a film cassette, and has a built-in moving X-ray grid which removes scattered X-ray.

2.3 Optional components

- Compression belt..... This belt is an auxiliary tool which fixes a radiography region of a patient on the tabletop.
- Side cassette holder This holder is an auxiliary tool which holds a cassette in lateral radiography.
- Grip switch This switch is attached on the side of the tabletop assembly to operate the floating tabletop.
- CFRP tabletop This tabletop is made of CFRP (carbon-fiber reinforced plastic). The length is 2200 mm for BK-12HK, 2000 mm for BK-12H.
- Acrylic tabletop This tabletop is made of transparent (smoky brown) acrylic plate. The length is 2000 mm.
- Soft tabletop..... A tabletop with a soft mat surface. The tabletop length is 2000 mm for the BK-12H and 2200 mm for the BK-12HK.
- Drip hanger..... Attaches to the side of the tabletop and is used to suspend an intravenous drip bag.

3. Specifications

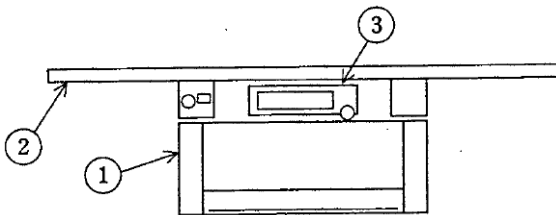
The specification of the X-ray radiography table, BK-12H is as follows. [unit : mm]

Item			Description
Construction :			
① Main Body			
② Floating Tabletop Assembly			
③ Bucky Device			
Main Body	Size of tabletop (width × length)		810 □ 2000 Flat tabletop
	Move of tabletop	Longitudinal move	900 Operation: Manual
		Lateral move	±125 Operation: Manual
		Lock of the tabletop	By permanent electromagnetic lock (of type to be released when activated). Operation: By foot switch.(The following matter can be selected by push button) • Lock of the lateral move.
	Distance between tabletop and floor		700
	Distance between tabletop and film		74
	Maximum allowable load		200kg
	Attenuation equivalent for table		1.7 mmAl or less, each tabletop
	Bucky Device BF-10H		
Installation Conditions	BK-12H outer dimension		Refer to 503-06191
	Required space for installation		Width × length = Approx. 3500 × 5000 (to combine with the X-ray support device)
	Total weight		120kg
	Power supply		Single phase, 100 V, 0.1 kVA, 50/60 Hz Supplied from the X-ray high voltage generator

Note: The contents of this specifications are subject to change for further improvement without notice.

Some stripes could be seen on the film when exposed less than 5 msec with no patient body.

The specification of the X-ray radiography table, BK-12HK is as follows. [unit : mm]

Item			Description
Construction :			
① Main Body			
② Floating Tabletop Assembly			
□ Bucky Device			
Main Body	Size of tabletop (width × length)		810 × 2200 Flat tabletop
	Move of tabletop	Longitudinal move	900 Operation: Manual
		Lateral move	±125 Operation: Manual
		Lock of the tabletop	By permanent electromagnetic lock (of type to be released when activated). Operation: By foot switch.(The following matter can be selected by push button) • Lock of the lateral move.
		Distance between tabletop and floor	700
	Distance between tabletop and film	74	
	Maximum allowable load	200kg	
	Attenuation equivalent for table	1.7 mmAl or less, each tabletop	
	Bucky Device BF-10H		
Installation Conditions	BK-12H outer dimension		Refer to 503-06191
	Required space for installation		Width × length = Approx. 3500 × 5000 (to combine with the X-ray support device)
	Total weight		120kg
	Power supply		Single phase, 100 V, 0.1 kVA, 50/60 Hz Supplied from the X-ray high voltage generator

Note: The contents of this specifications are subject to change for further improvement without notice.

Some stripes could be seen on the film when exposed less than 5 msec with no patient body.

- Use the following cassette for the Bucky device. Other cassette can not be used.

CM or INCH size cassette based on IEC standard 60406.

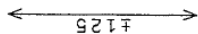
Attenuation equivalent is not greater than 1.6Vmm Al.

Less than 15mm thickness.

All parts of the cassette such as hinges, locks and marking device shall be within the minimum radii for corners and edges.

Flatness shall be less than 1mm warp.

本装置の構成には、X線管装置、X線高電圧装置、および可動絞りは含まれない。



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BK-12H, BK-12HK