



X-ray bucky stand Instructions

1 Generality

1.1 Purpose:

X-ray bucky stand can be photographed in a variety of medical diagnostic X-ray machine, on the human body the head, chest, abdomen and other parts of X-ray photography. The device in the vertical, the next move within the framework of an arbitrary orientation, positioning simple, flexible and reliable, using a wide range.

1.2 consists of:

This device consists of grids, cassette drawers, columns, sliding frames and other parts.

1 column

2 sliding frame

3 cassette drawer

4 brake handle

5 groove pulley

6 weight screws

7 floor

8 suspension wire rope

2 Installation instructions

2.1 Safety Tips:

Equipment, installation and operation of the relevant units, the installation must comply with.

This photo frame is a monolithic chip packaging, the product will balance the heavy hammer before the factory bolt for easy handling, the bolt removed before installation.

2.2 Room conditions:

Environmental conditions: 0 ~ 40 °C

Relative humidity: $\leq 75\%$

Atmospheric pressure: 700kpa ~ 1060kpa

Room height: 2700mm above the door width of the receiving equipment room door size of 1200mm width dimension of not less than 900mm

Room construction: room walls, doors and windows of the X-ray protection should comply with relevant regulations, in addition to the environment must fully consider the room temperature, humidity, clean degree, in order to protect the life and appearance of products. Room may not be used within the flammable gas or liquid.

2.3-ray bucky stand in the engine room to determine the installation position must meet the following conditions:

2.3.1-ray film holder in the engine room installation location, you must maintain the holder panel centerline alignment radiography X-ray Center.

2.3.2 Radiography rack-mounted film cassette to the X-ray tube to keep the focus away from the nearest point of 1000mm, the farthest point of ≥ 1500 mm.

2.3.3 The ray film photography bed frame and supporting the use of only the X-ray tube head rotated 90° , to open limit beam splitter lighting to make the limited cross-line alignment beam splitter light chest film frame panel can be centerline, while pulling Open tape, you can easily measure the distance between the focus away from the film.

2.4 that the selected election radiography and X-ray tube frame

To determine the best location between the base position, the water Mud-based area of not less than 500×500 mm.

2.4.1 Setting cement base, cement-based subject to the level of Scale calibration level degrees.

2.4.2. Drill two $M8 \times 94$ I-type expansion bolt hole, and screw in the expansion bolt buried.

2.5.x-ray film frame fixed

2.5.1 The expansion bolt according to location, chest X-ray frame in place and used to adjust the chip level adjustment, and then tighten bolts fastening nut, the chest X-ray frame fixed to ensure the chest X-ray planes perpendicular to the ground.

2.5.2 Product factory cassette drawer is left out of operation.

3 Use

To enable the device to normal operation, the operator should acquire the skills and become familiar with the operation of equipment use.

3.1 Operation using the function

According to photographic needs, release the brake handle, you can, the next move pulley to the desired height, locking brake handle, you can be a fixed location photography.

3.2 Main technical performance parameters of

3.2.1-chip box center, the next move from 1200mm;

3.2.2 retains radiography cassette sizes

203mm × 254mm (8 "× 10") to 356mm × 432mm (14 "× 17").

3.3 Transport and storage of environmental conditions

In the transport or storage of packing state, the device must be able to not exceed the following range of environmental conditions, rotating 15 weeks or more;

Temperature -40 °C ~ 55 °C

Humidity ≤ 90%

Atmospheric pressure 500kpa ~ 1060kpa

Stored in non-corrosive gases and well-ventilated room.

4 repair and maintenance instructions

4.1 Maintenance

4.1.1 the relevant provisions of maintenance of equipment, maintenance personnel must be observed. Without our authorized maintenance personnel, will be allowed to maintain the equipment.

4.1.2 maintenance of equipment, use the former must check all safety-related devices.

4.1.3 The routine maintenance of way

4.1.4 Lift car Lizhu track, the next move, too loose or too tight. To open the casing, adjusting the car sliding eccentric bushing in each group to make good contact bearing and the track.

4.1.5 often rails, bearings and other transmission parts, regular inspection, regular plus 30 # oil or grease.

4.2 Maintenance

Products during use should pay attention to maintenance to ensure that products work and give full play to its effectiveness.

4.2.1 room kept clean, dry, always wipe the surface of the track the movements, without dust and debris.

4.2.2 regularly checked whether the operation and short of oil bearing the phenomenon, if necessary, post-coated in a clean to clean the grease.

4.3 recommended

4.3.1 hanging heavy hammer of steel wire rope, recommends that users replace once every two years.

4.3.2 The moving parts in contact with the orbital bearing assembly gap adjustment once a year.

4.3.3 Product Maintenance after a failure by the professionals

(Note: This product is subject to design changes, specifications change without notice to clients and to prevail in kind)