

2.3.2 Operating method of SF-90

- 1. Up/Down movement switch ; ②**
 - It performs up/down movement of tube stand.
- 2. Right/Left movement switch ; ⑦**
 - It performs right/left movement of tube stand.
- 3. Axis rotation of X-ray tube unit switch ; ①**
 - It makes axis rotation of X-ray tube unit for $\pm 90^\circ$.
 - It does not work for SF-90T.
- 4. All direction movement switch ; ④ ⑥ ⑧**
 - It makes tube stand move all directions.
- 5. Automatic center stop switch**
 - It makes tube stand stop when it reached at center of patient table automatically.
- 6. It displays the angle of rotated tube. ; ⑤**

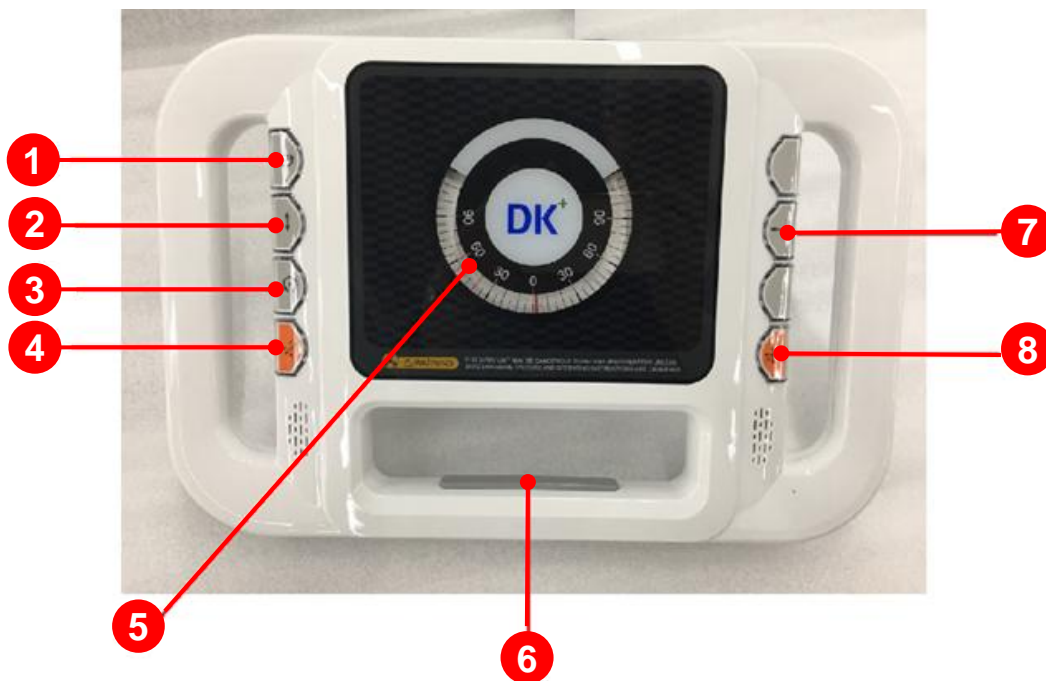


Fig. 2.1.

2.3.3 Classification According to the System for Protection Against Electric Shocks

1. **Protection class** : Class I
2. **Protection type** : Type B devices
3. **Applied part** : Wall-stand, Floating top table, and Vertical tube stand



If moving the X-ray tube with force, ceiling rail and floor rail can be bent and derailed. Be sure to use moderate power. If rails on the ceiling and floor are derailed, stop using the rail and mark it as 'Out of Order' and contact manufacturer or technicians of your dealer. When moving X-ray tube device, check if the patient is on the table and if it is safe to move the Table.

2.4 Source Distance & Target Angle

2.4.1 Detector Stand

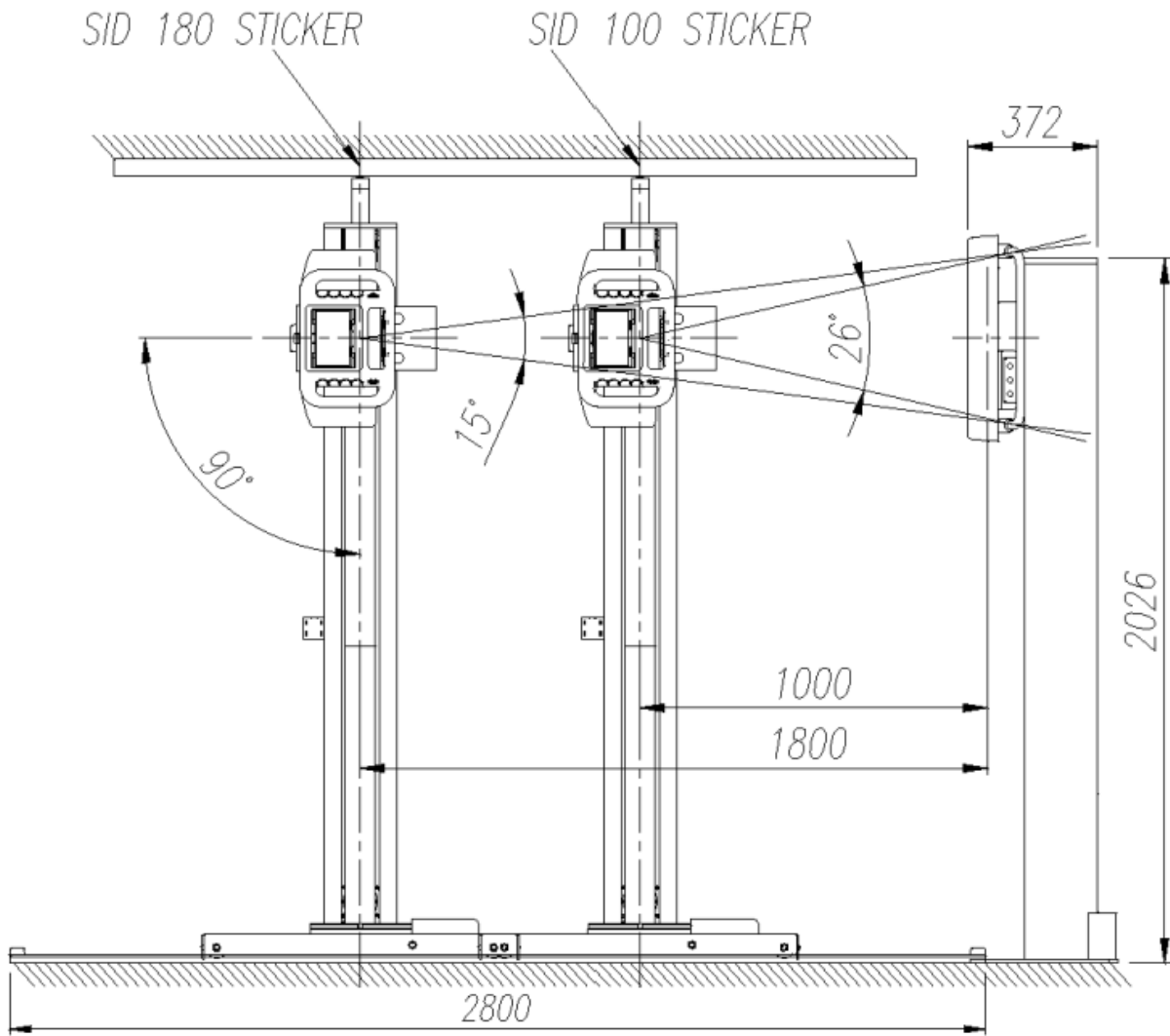


Fig. 2.2. Source distance & target angle of SF-90



CAUTION

In order to minimize the absorbed dose, make the focal distance as long as possible (Minimum 45 cm).

2.4.2 Patient Table

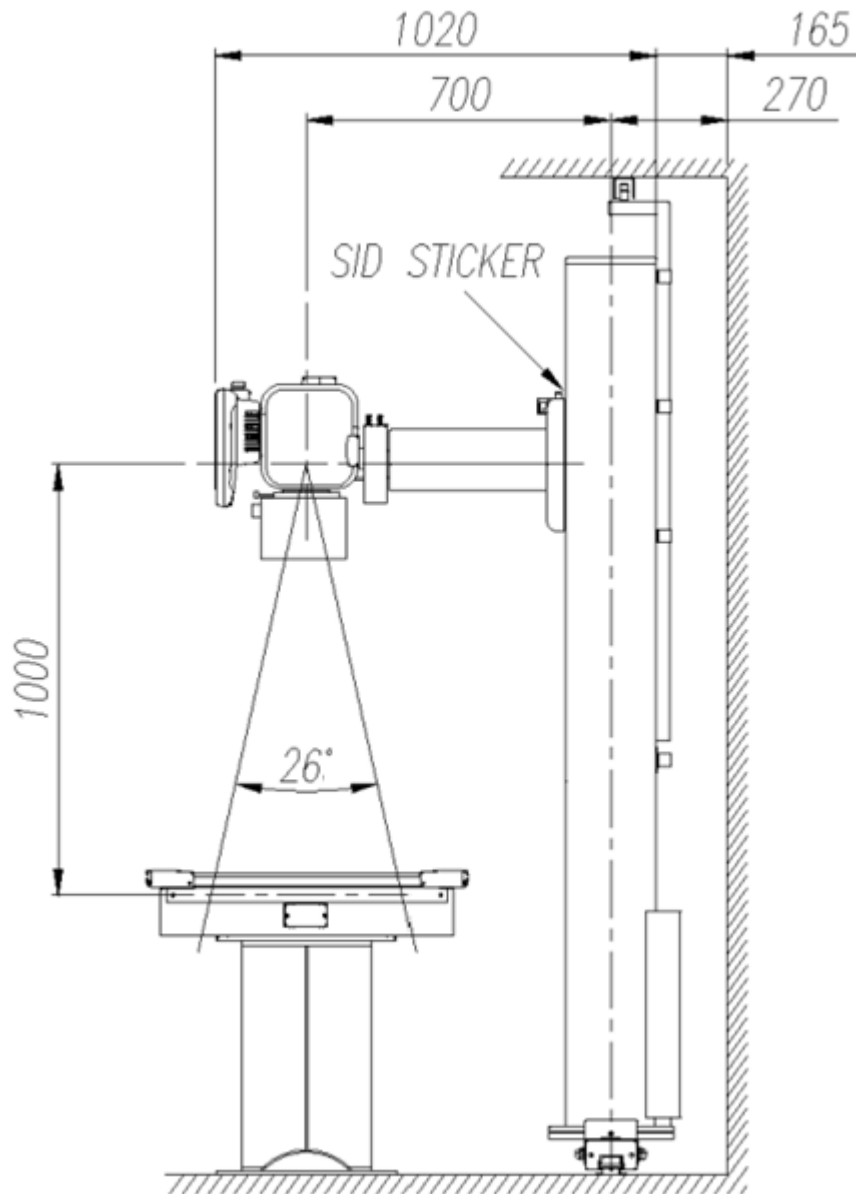


Fig. 2.3. Source distance & target angle of SF-90



Please be cautious that patient do not touch the X-ray tube unit and Collimator during irradiating X-ray exposure or movement of device.