



## 3.6 Auto Collimation Function

By using this equipment in combination with the Shimadzu collimator, the irradiation field can be adjusted automatically in accordance with the cassette size of the X-ray radiography table or X-ray radiography stand, and the radiography distance.

This function is called the auto collimation function, and it improves positioning and radiography efficiency.

As the irradiation field size achieved in adjustment through auto collimation you can select the cassette size of the Bucky, but you can also select sizes smaller than the cassette size.

 For details on how to switch the irradiation field size, ["3.6.2 Irradiation Field Size Selection Function \(Option\)"](#).

 Automatic adjustment of the irradiation field is possible according to the radiography distance preset in the general radiography technique.  
Contact your Shimadzu service representative to set up this function.

### 3.6.1 Status Indication for System

The system status indication on the operation panel's touch panel changes in tandem with operation of the auto collimation function.



#### PBL

This is displayed when all of the stipulated conditions (see the table below), such as the alignment of the positions of the X-ray tube and the radiography device (Bucky), are satisfied.

This condition is called the PBL (Positive Beam Limitation) status.