

μ-X360s

Collimator Exchange (Optional item)

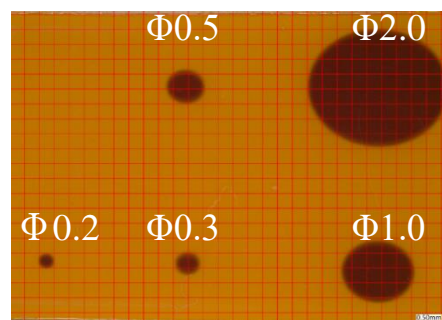
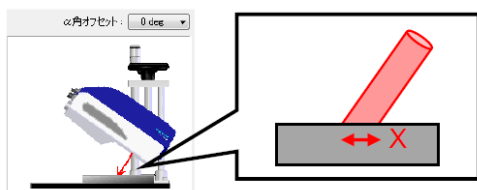
- ◆ X-ray spot size can be changed.
- ◆ User can exchange the collimators easily.
- ◆ 5 kinds of collimators are available.

Φ0.2、0.3、0.5、1.0、2.0[mm]



Collimator diameter vs. Actual X-ray spot size (median)

Standard position: incident angle 35deg(α angle offset: 0deg)



Test using the photosensitive sheet

◆ Sample distance: 51mm mm

| Collimator diameter | X | Y |
|---------------------|-----|-----|
| Φ0.2 | 0.4 | 0.5 |
| Φ0.3 | 0.8 | 0.7 |
| Φ0.5 | 1.3 | 1.1 |
| Φ1.0 | 2.4 | 2.0 |
| Φ2.0 | 4.7 | 3.9 |

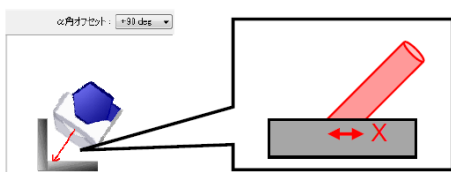
◆ Sample distance: 35mm mm

| Collimator diameter | X | Y |
|---------------------|-----|-----|
| Φ1.0 | 2.0 | 1.7 |

◆ Sample distance: 67mm mm

| Collimator diameter | X | Y |
|---------------------|-----|-----|
| Φ1.0 | 2.7 | 2.3 |

Fillet position: incident angle 45deg(α angle offset: 90deg)



◆ Sample distance: 63mm mm

| Collimator diameter | X | Y |
|---------------------|-----|-----|
| Φ1.0 | 3.1 | 2.2 |