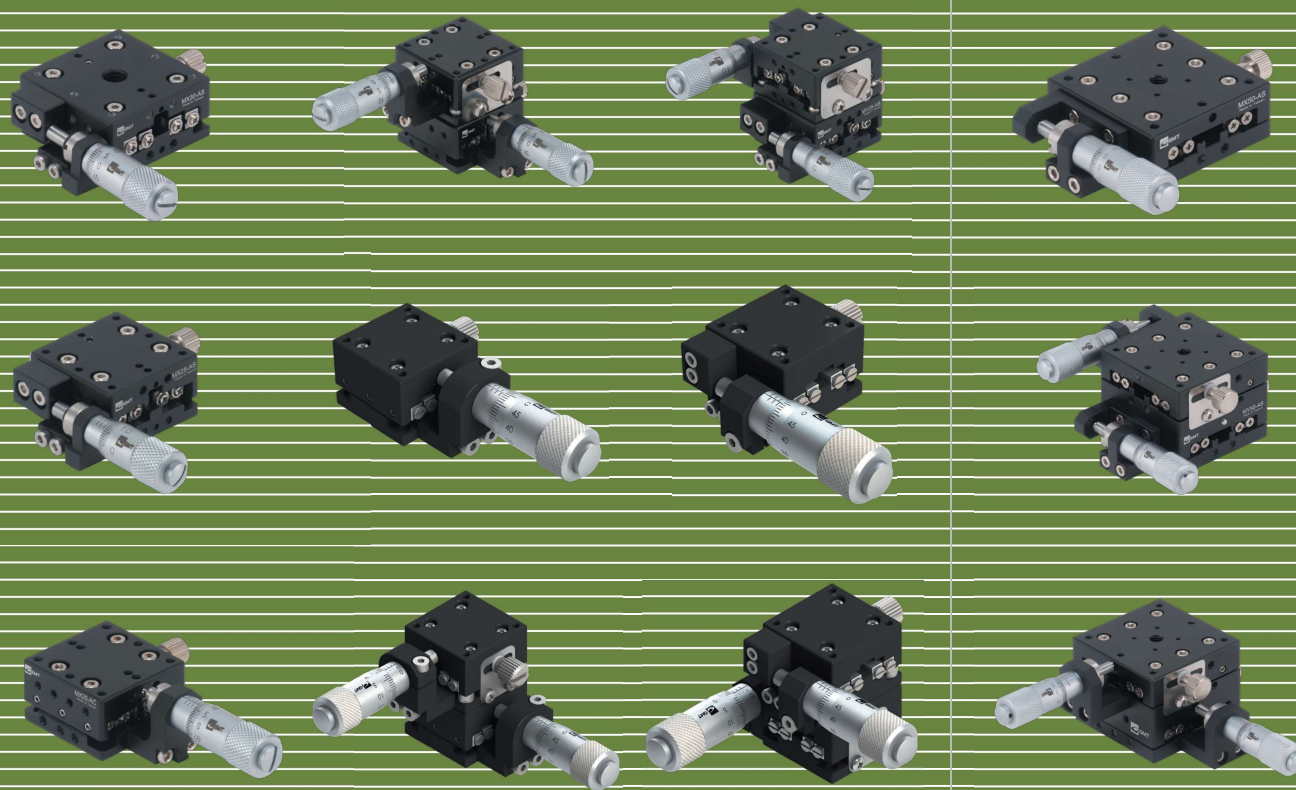
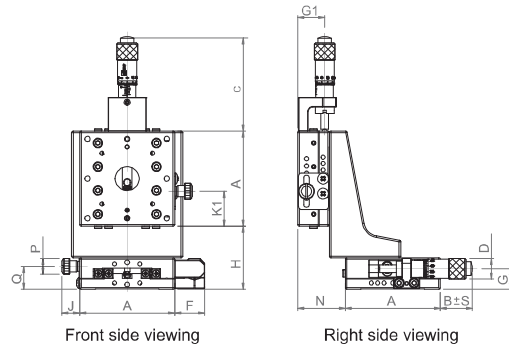




Product  
Specification  
**Positioning  
Stages**

## Crossed Roller Guiding ▶ XZ-Axis ▶ Aluminum Alloy

Crossed Roller Stages | XZ-Axis



Unit : mm

### Position of Micrometer

| Specification | Side up | Side down | Central | Reversed |
|---------------|---------|-----------|---------|----------|
| Code          | C       | CU        | A       | R        |

### Specification

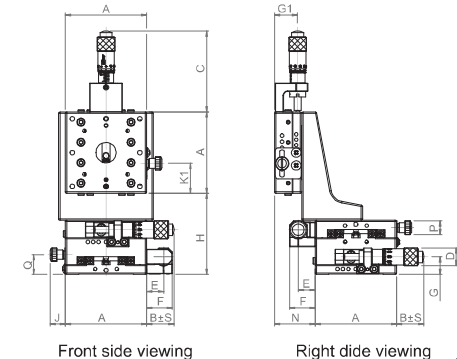
Unit : mm

| Model No. | Detail Dimension from Front Side Viewing |      |       |      |    |      |      |    | Detail Dimensions from Right Side Viewing |      |    |      |      |
|-----------|------------------------------------------|------|-------|------|----|------|------|----|-------------------------------------------|------|----|------|------|
| Type      | A                                        | H    | C     | K1   | P  | Q    | J    | F  | B ± S (Movement)                          | N    | D  | G    | G1   |
| MXZ       | 25                                       | 27.6 | 37.5  | 15.1 | 6  | 10.6 | 7.7  | 9  | 26.7±3.2                                  | 10.1 | 10 | 8.5  | 12.5 |
|           | 30                                       | 35   | 37.5  | 12.5 | 6  | 10.5 | 7.7  | 9  | 24.3±3.2                                  | 7    | 10 | 8.5  | 12.5 |
|           | 40                                       | 55   | 62    | 28   | 10 | 14.5 | 11.2 | 19 | 26.3±6.5                                  | 10   | 13 | 13   | 17   |
|           | 50                                       | 40   | 59.7  | 33   | 10 | 14.5 | 11.2 | 19 | 21.3±6.5                                  | 5    | 13 | 13   | 17   |
|           | 60                                       | 39.9 | 59.7  | 17.4 | 10 | 14.4 | 11.2 | 19 | 20.2±6.5                                  | 5    | 13 | 13   | 17   |
|           | 70                                       | 39.9 | 59.7  | 53.5 | 10 | 14.4 | 11.2 | 19 | 21.3±6.5                                  | 25   | 13 | 13   | 17   |
|           | 80                                       | 40   | 100.7 | 25   | 10 | 14.5 | 11.2 | 24 | 54.5±12.5                                 | 20   | 18 | 10.8 | 16.5 |
|           | 100                                      | 60   | 100.7 | 56   | 10 | 14.5 | 11.2 | 24 | 35.5±12.5                                 | 36   | 18 | 10.8 | 16.7 |
|           | 120                                      | 65   | 100.7 | 52   | 10 | 18   | 11.2 | 24 | 51.5±12.5                                 | 7    | 18 | 12.5 | 17.5 |

| Model No. | Table Size | Allowable Loading (kgf) | Straightness Accuracy (μm) | Pitching | Yawing | Axis | Weight (kg) | Material       | Surface Finish |
|-----------|------------|-------------------------|----------------------------|----------|--------|------|-------------|----------------|----------------|
| MXZ25-A   | 25*25      | 1                       | 5                          | 30"      | 25"    | XZ   | 0.11        | Aluminum alloy | Black anodized |
| MXZ30-A   | 30*30      |                         |                            | 25"      | 15"    |      | 0.14        |                |                |
| MXZ40-A   | 40*40      |                         |                            |          |        |      | 0.38        |                |                |
| MXZ50-A   | 50*50      |                         |                            |          |        |      | 0.52        |                |                |
| MXZ60-A   | 60*60      | 0.74                    |                            |          |        |      |             |                |                |
| MXZ70-A   | 70*70      | 0.81                    |                            |          |        |      |             |                |                |
| MXZ80-A   | 80*80      | 2                       |                            | 1.37     |        |      |             |                |                |
| MXZ100-A  | 100*100    |                         |                            | 2.39     |        |      |             |                |                |
| MXZ120-A  | 120*120    |                         |                            | 3.02     |        |      |             |                |                |

## Crossed Roller Guiding ▶ XYZ-Axis ▶ Aluminum Alloy

Crossed Roller Stages | XYZ-Axis



Unit : mm

### Position of Micrometer

| Specification | Side up | Side down | Central | Reversed |
|---------------|---------|-----------|---------|----------|
| Code          | C       | CU        | A       | R        |

### Specification

Unit : mm

| Model No. | Detail Dimension from Front Side Viewing |      |       |      |      |      |    |      | Detail Dimensions from Right Side Viewing |      |    |      |      |    |
|-----------|------------------------------------------|------|-------|------|------|------|----|------|-------------------------------------------|------|----|------|------|----|
| Type      | A                                        | H    | C     | K1   | Q    | J    | F  | E    | B ± S (Movement)                          | N    | D  | G    | G1   | P  |
| MXYZ      | 25                                       | 42.6 | 37.5  | 15   | 10.6 | 7.7  | 9  | 4.5  | 26.8±3.2                                  | 20.1 | 10 | 8.5  | 12.5 | 6  |
|           | 30                                       | 50   | 37.5  | 12.5 | 10.5 | 7.7  | 9  | 4.5  | 24.3±3.2                                  | 19   | 10 | 8.5  | 12.5 | 6  |
|           | 40                                       | 75   | 59.7  | 28   | 14.5 | 11.2 | 19 | 12.5 | 26.3±6.5                                  | 26   | 13 | 13   | 17   | 10 |
|           | 50                                       | 60   | 59.7  | 33   | 14.5 | 11.2 | 19 | 12.5 | 21.3±6.5                                  | 25   | 13 | 13   | 17   | 10 |
|           | 60                                       | 60   | 59.7  | 17.5 | 14.4 | 11.2 | 19 | 12.5 | 20.3±6.5                                  | 30   | 13 | 13   | 17   | 10 |
|           | 70                                       | 60   | 59.7  | 53.5 | 14.4 | 11.2 | 19 | 12.5 | 21.3±6.5                                  | 25   | 13 | 13   | 17   | 10 |
|           | 80                                       | 60   | 100.7 | 25   | 14.5 | 11.2 | 24 | 17   | 54.5±12.5                                 | 20   | 13 | 10.8 | 16.5 | 10 |
|           | 100                                      | 80   | 100.7 | 56   | 14.5 | 11.2 | 24 | 17   | 35.5±12.5                                 | 36   | 18 | 10.8 | 16.7 | 10 |
|           | 120                                      | 95   | 100.7 | 52   | 18   | 11.2 | 24 | 17   | 51.5±12.5                                 | 27   | 18 | 12.5 | 17.5 | 10 |

| Model No. | Table Size | Allowable Loading (kgf) | Straightness Accuracy (μm) | Pitching | Yawing | Axis | Weight (kg) | Material       | Surface Finish |
|-----------|------------|-------------------------|----------------------------|----------|--------|------|-------------|----------------|----------------|
| MXYZ25-A  | 25*25      | 1                       | 5                          | 30"      | 25"    | XYZ  | 0.16        | Aluminum alloy | Black anodized |
| MXYZ30-A  | 30*30      |                         |                            | 25"      | 15"    |      | 0.2         |                |                |
| MXYZ40-A  | 40*40      |                         |                            |          |        |      | 0.53        |                |                |
| MXYZ50-A  | 50*50      |                         |                            |          |        |      | 0.72        |                |                |
| MXYZ60-A  | 60*60      | 1.01                    |                            |          |        |      |             |                |                |
| MXYZ70-A  | 70*70      | 1.14                    |                            |          |        |      |             |                |                |
| MXYZ80-A  | 80*80      | 1.92                    |                            |          |        |      |             |                |                |
| MXYZ100-A | 100*100    | 3.12                    |                            |          |        |      |             |                |                |
| MXYZ120-A | 120*120    | 4.48                    |                            |          |        |      |             |                |                |