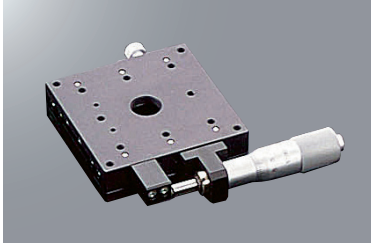
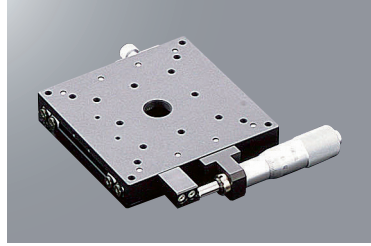


X-axis Cross Roller Guide Stage □80/□100/□120: B11-80/100/120

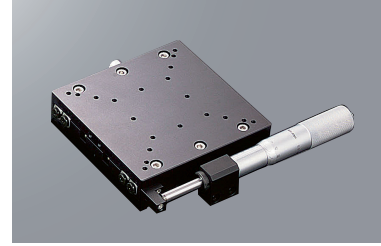
B11-80C



B11-100C



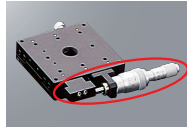
B11-120C



RoHS

Optional sample *The photo is for illustrative purpose only.
Please refer to optional introduction pages for details. [CP.2-009](#)~

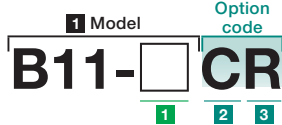
Precise positioning
Coarse-fine micrometer



※ Stroke is ±6.5mm.
※ Not available □120.

[Features]

- Table size □80 · 100 · 120mm cross roller guide stage.
- Main body is light weight by aluminum-made.
- Available each option.



Select the option code as below.

1 Stage table size

80	80×80mm
100	100×100mm
120	120×120mm

2 Feeding position

Specification	Standard micrometer A C	Coarse-fine micrometer B D
Code	A/C Center/Side	B/D Center/Side

Travel distance ±6.5mm
Minimum reading capability 0.5μm
※Not available □120

3 Operating position

Specification	Standard	Opposite attached micrometer	Vertically attached micrometer
Code	Blank	R	Z

Not available when select B or D
Not available combination use R
Not available □100□120

SPEC						
Model	B11-80A	B11-80C	B11-100A	B11-100C	B11-120A	B11-120C
(Opposite hand)	B11-80AR	B11-80CR	B11-100AR	B11-100CR	B11-120AR	B11-120CR
Feeding Type	Standard micrometer					
Feeding position	Center	Side	Center	Side	Center	Side
Minimum reading of micrometer	10μm/Scale					
Stage table size	80×80mm		100×100mm		120×120mm	
Travel distance	±12.5mm					
Guide	Cross roller guide					
Load capacity	10.0kgf [98.0N]		15.0kgf [147.0N]		20.0kgf [196.0N]	
Travel accuracy	Straightness					
	Within 25"					
	Within 15"					
Allowable load for moment	Pitch		36.0N · m		57.2N · m	
	Yaw		30.0N · m		44.7N · m	
	Roll		33.0N · m		66.7N · m	
Moment rigidity	Pitch		0.06"/N · cm		0.03"/N · cm	
	Yaw		0.07"/N · cm		0.02"/N · cm	
	Roll		0.05"/N · cm		0.01"/N · cm	
Parallelism	Within 30μm					
Motion parallelism	Within 10μm					
Weight	0.5kg		0.7kg		1.6kg	
Main material—Surface finishing	Aluminum—Black alumite processing					
Provided screws (Hex socket screws)	4 of M4—6				4 of M4—10	

Manual linear stage

X

XY

Z

Horizontal Z

XZ

Horizontal XZ

XYZ

Horizontal XYZ

Goniometer

Rotary

Unit

Accessories

Linear Ball

Cross Roller

Dovetail

□25

□30

□40

□50

□60

□70

□80

□100

□120

Other