SPECIFICATION (micrometer on the left, micrometer graduation 0.01mm)

Code	XY-axis displacement	Parallelism of top to bottom surface	Micrometer accuracy	Maximum load	Stage size	Weight
6584-401	±6.5mm	0.04mm	0.01mm	29.4N (3kgf)	40x40mm	0.27kg
6584-601	±6.5mm	0.06mm	0.01mm	49N (5kgf)	60x60mm	0.48kg
6584-901	±12.5mm	0.06mm	0.02mm	93.1N (9.5kgf)	90x90mm	1kg
6584-1251	±12.5mm	0.08mm	0.02mm	180N (18.4kgf)	125x125mm	2.8kg

SPECIFICATION (micrometer in the middle, micrometer graduation 0.01mm)

| Code	XY-axis displacement	Parallelism of top to bottom surface	Micrometer accuracy	Maximum load	Stage size	Weight
6584-402	±6.5mm	0.04mm	0.01mm	29.4N (3kgf)	40x40mm	0.27kg
6584-602	±6.5mm	0.06mm	0.01mm	49N (5kgf)	60x60mm	0.48kg
6584-902	±12.5mm	0.06mm	0.02mm	93.1N (9.5kgf)	90x90mm	1kg
6584-1252	±12.5mm	0.08mm	0.02mm	180N (18.4kgf)	125x125mm	2.8kg

SPECIFICATION (micrometer on the right, micrometer graduation 0.01mm)

Code	XY-axis displacement	Parallelism of top to bottom surface	Micrometer accuracy	Maximum load	Stage size	Weight
6584-403	±6.5mm	0.04mm	0.01mm	29.4N (3kgf)	40x40mm	0.27kg
6584-603	±6.5mm	0.06mm	0.01mm	49N (5kgf)	60x60mm	0.48kg
6584-903	±12.5mm	0.06mm	0.02mm	93.1N (9.5kgf)	90x90mm	1kg
6584-1253	±12.5mm	0.08mm	0.02mm	180N (18.4kgf)	125x125mm	2.8kg
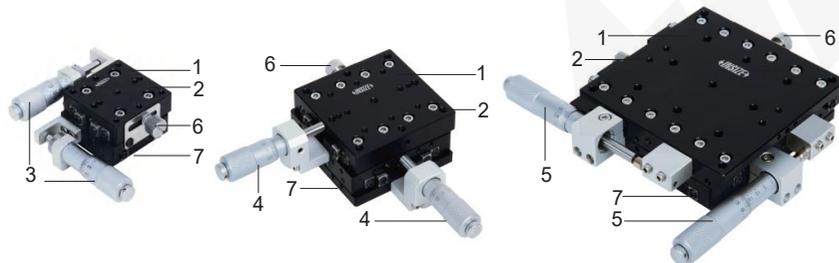
1. Plateform
2. threaded hole
3. Micrometer on the left
4. Micrometer in the middle
5. Micrometer on the right
6. Locking screw
7. Base

The platform travels 0.5mm by rotating the micrometer head with a circle, and 0.01mm by rotating 1 grid.

The platform can travel along the X-axis and Y-axis. The movement in X-axis and Y-axis two directions are shown in the table on the left. 6854-401 for example, X-axis and Y-axis two directions of movement of ± 6.5 mm, respectively. As shown in fig. below, the platform travels 6.5mm on one side and 6.5mm on the other side, and the total movement is 13mm. The movement in the Z-axis is 10mm.

6.5mm   6.5mm
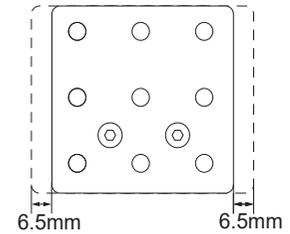
3. The maxmium force that the platform can bear are shown in the table on the left, when the center of gravity is in the middle of the platform.

Attention:
-- The volume of the object which put on the plateform is recommended less than 1.5 times the size of the plateform.
-- The center of the object's gravity can not exceed the plateform.
-- In order to ensure the accuracy of the platform, do not use over load

4. Installation instruction:

platform travels backward   platform travels forward

mounting hole   mounting hole

mounting hole   mounting hole

Turn the micrometer clockwise, push the platform to the limit position, expose the 2 mounting holes on one side of the base, and put the bolts in for temporary fixing.

Turn the micrometer counterclockwise to push the base to the limit position in the opposite direction, expose the other 2 mounting holes of the oter side, place and lock the bolts.
Finally, lock the first 2 bolts.

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