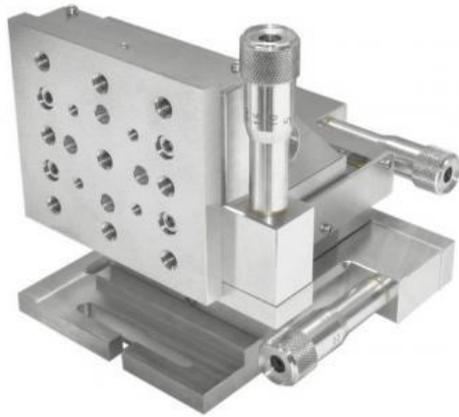


**860-0060V VACUUM COMPATIBLE ALUMINIUM TRANSLATION STAGES**



- Narrow
- 100, 150 mm travel range
- Stackable for X-Y-Z configuration
- Custom angle bracket are made promptly
- Convenient patterns of mounting holes
- Steel precise ball bearings
- Material: aluminium
- Non vacuum version available

Vacuum Compatible Aluminium Translation stages 860-0060V-08 (travel range - 100 mm) and 860-0060V-

10 (travel range - 150 mm) own integrated driving screws for very precise and long travel translation. The screw has a micrometric scale (on the body and knob). The pitch of the screw is 0.5 mm. Custom pitch and gears are available on request.

Translation Stages 860-0060V are preloaded by a collar of our original design on the screw, rendering an increased load capacity, stability, and reduced backlash. Translation stages have a number of M6 and M4 clearance holes on the platforms, see the whole great amount of holes on the stages surface in drawings. XY configuration assembled directly using M6x10 screws, no additional base plates required. For mounting to optical table or similar surface we offer Base Plate 820-0136V. For Z-axis assembly we offer Angle Bracket 810-0160V.

**SPECIFICATIONS**

<b>Travel range</b> 860-0060V-08 860-0060V-10	100 mm 150 mm
<b>Sensitivity</b>	1 µm
<b>Tracking accuracy</b>	2 µm
<b>Reading accuracy</b>	10 µm
<b>Load capacity:</b> <b>Horizontal</b> <b>Vertical</b>	40 kg 9 kg
<b>Assemblies</b> <b>X-Y</b> <b>Z</b> <b>To flat surface</b>	directly 810-0160V 820-0115V

<b>Travel range</b>	
860-0060V-08	100 mm
860-0060V-10	150 mm
<b>Sensitivity</b>	1 $\mu$ m
<b>Tracking accuracy</b>	2 $\mu$ m
<b>Reading accuracy</b>	10 $\mu$ m

<b>Code</b>	<b>Description</b>	<b>Weight</b>
<b>810-0160V</b>	angle bracket for Z axis assembly	0.45 kg
<b>820-0136V</b>	base plate for mounting to optical tables	0.3 kg
<b>860-0060V-08</b>	travel range - 100 mm	1.15 kg
<b>860-0060V-10</b>	travel range - 150 mm	1.24 kg