

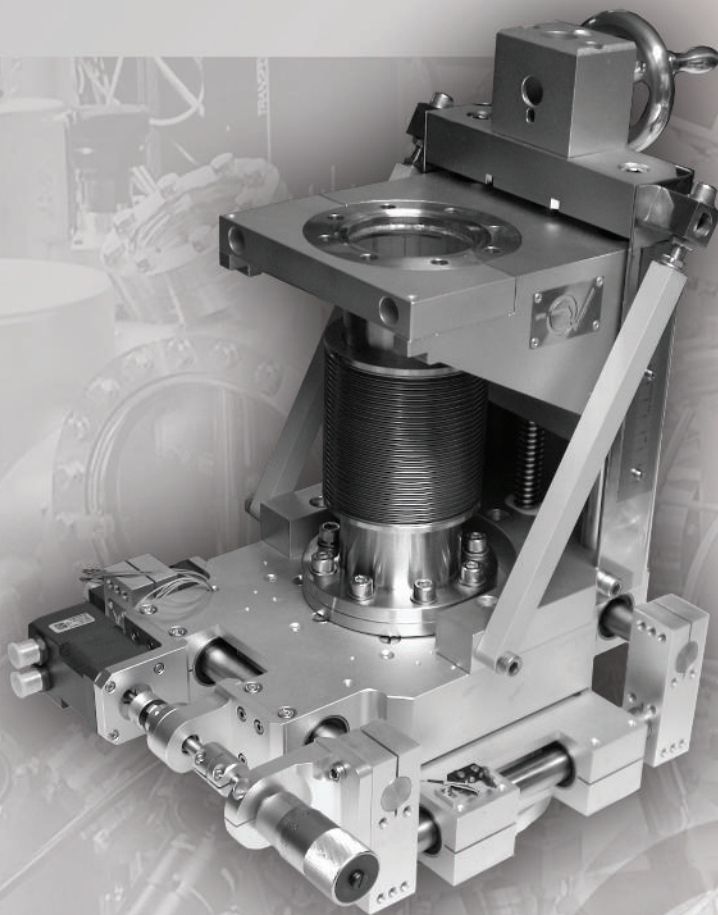


OmniVac

Surface Analysis and Vacuum Technology

High Precision Manipulator

HPM 100/200



HPM High Precision Manipulators are mounted on a DN 160 CF flange and come with XY-ranges of 12.5 mm or 25 mm (full square range), and up to 1000 mm Z-Range

- +/- 12,5 mm XY-Range
- +/- 25 mm XY-Range
- up to 1000 mm Z-Range

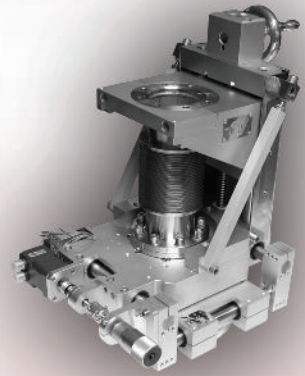
- DN 160 CF
- fully motorized

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HPM 100/200 High Precision Manipulator

The **OmniVac HPM High Precision manipulators** are mounted on a DN 160 CF flange and come with XY-ranges of 12,5 mm or 25 mm (full square range) respectively, and up to 1000 mm Z-Range.

Motion is possible via large barrel type micrometers with 5 microns graduations. These are easily interchangeable with stepping motor modules, while manual operation is still possible with removed motors.



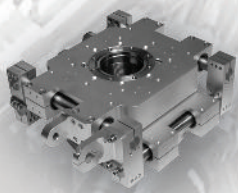
HPM 100, +/- 12.5 mm XY-Manipulator

<i>Design</i>	DN 160 CF flange mounted XY-motion module
<i>Range</i> (full square range)	+/- 12,5 mm
<i>Resolution</i>	5 µm (manual) 0.5 µm (motorized)
<i>Repeatability</i>	5 µm (manual) 1 µm (motorized)
<i>Max. speed</i>	2 mm/sec

► X-, Y-range
+/-12,5 mm
resp. +/- 25 mm

► resolution of
5 µm (manual) resp.
0.5 µm (motorized)

► DN 160 CF
flange mounted



HPM 200, +/- 25 mm XY-Manipulator

<i>Design</i>	DN 160 CF flange mounted XY-motion module
<i>Range</i> (full square range)	+/- 25 mm XY
<i>Resolution</i>	5 µm (manual) 0.5 µm (motorized)
<i>Repeatability</i>	5 µm (manual) 1 µm (motorized)
<i>Max. speed</i>	2 mm/sec



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