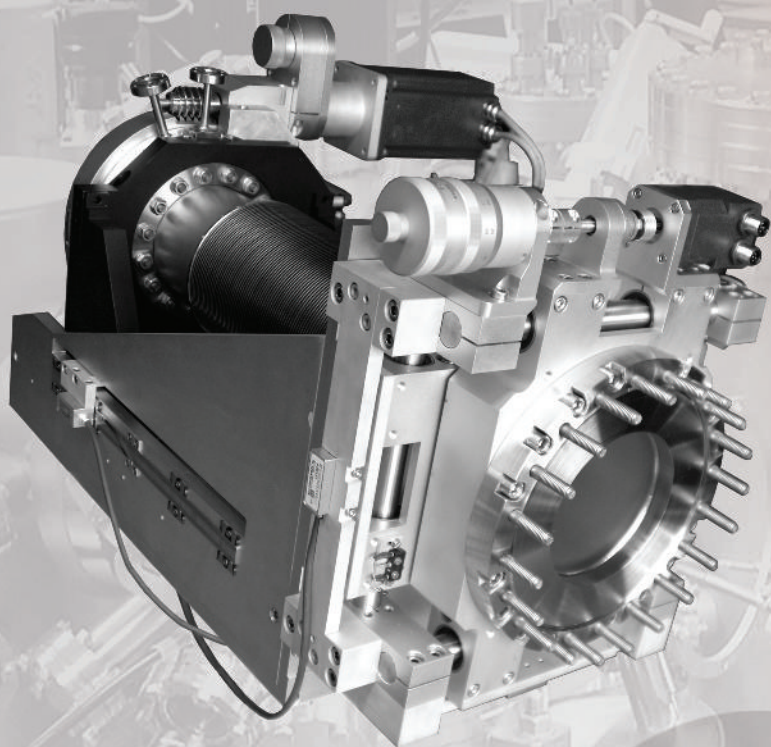




Surface Analysis and Vacuum Technology

High Precision Manipulator

HPM 100 L



For in UHV manipulation of heavy load sample receiving stations or other experimental setups, OmniVac provides a reinforced version of its HPM high precision manipulators.

- reinforced structure
- fully motorized
- CF 150 mounting flange
- with optical absolute position encoders optionally
- CF 100 travelling flange
- $\pm 12,5/\pm 25$ mm XY-Range

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High Precision Manipulator HPM 100 L

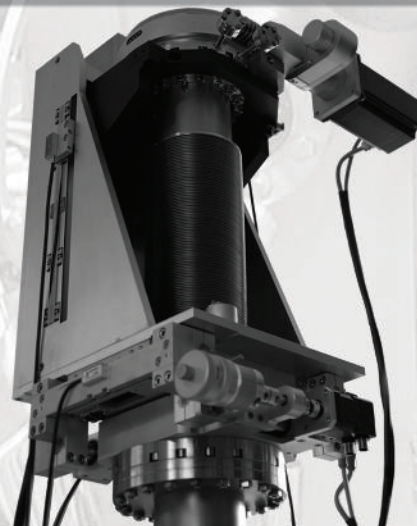
For in UHV manipulation of heavy load sample receiving stations or other experimental setups, OmniVac provides a reinforced version of its HPM high precision manipulators.

For monitoring of the position stability and reproducibility the HPM 100 L can be equipped with high precision glass scales with optical encoder readouts.

This allows for positioning with accuracy better than 0.5 μm .

| | |
|--------------------------|---|
| <i>Design</i> | reinforced design for heavy loads |
| <i>Range</i> | $\pm 12,5/\pm 25$ mm |
| <i>max. Z-range</i> | 750 mm |
| <i>travelling flange</i> | CF 100 |
| <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 |

- reinforced structure
- CF 150 mounting flange
- CF 100 travelling flange
- fully motorized
- with optical absolute position encoders optionally
- $\pm 12,5/\pm 25$ mm XY-Range



OmniVac
Hertelsbrunnenring 30
D-67657 Kaiserslautern / Germany

Tel +49 (0) 631 3110740
Fax +49 (0) 631 28056
sales@omnivac.de