

## Magnetron Ion Sputtering + Thermal Evaporation Carbon Coater

Manufacturer: Vision Precision Instruments (Only for the Best since 2004)

### Technical Specifications

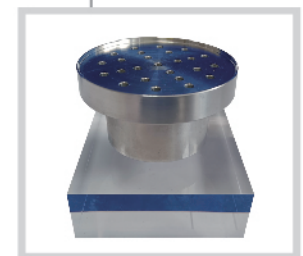
Vacuum Pump Set	----- (Oil required) Rotary Vacuum Pump
Rotary Pumping Speed	----- 50 Hz : 8 m <sup>3</sup> /h (2.2 L/s) / 60 Hz : 9.6m <sup>3</sup> /h (2.6 L/s)
Vacuum Limit	----- 2 Pa
Max Sputtering Current	----- 100mA
Max Evaporation Current	----- 100A
Sputtering Working Pressure	----- 20 Pa - 8 Pa
Evaporation Working Pressure	----- 6 Pa - 4 Pa
Working Vacuuming Time	----- < 5 Min ( 2 Pa )
Vacuum Measure	----- Measuring range from atmosphere to 2x10 <sup>2</sup> mbar
Gas Control	----- Gas Flow Controller
Chamber Size	----- φ150 * 120mm (height) Scratch Resistant Quartz Glass
Magnetron Target Source	----- Target size φ 50 * 0.1mm (Au) / Target source: Au, Ag, Pt
Evaporation Target Source	----- Target material: Carbon Rope / Target source: Carbon Rope
Operation Method	----- Instruction Manual
(2 Units) Weight / (1 Unit) Size	----- 55kg / 360mm length x 300mm wide x 380mm high
Power Supply	----- AC 110V 60Hz or AC 220V 50Hz
Power Consumption	----- < 2000W
Cooling Method	----- Air Cooling(Evaporation) + Water Cooling(Sputtering)
Warranty	----- One year limited warranty with lifetime product support



Magnetron Sputtering Head



Glass Chamber



Sample Stage

To better serve you, we would like to discuss your specific requirement. Please contact us for a quote.