



## High Vacuum Magnetron Sputtering Coater

Model: SD-650MHG

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

### Technical Specifications

Vacuum Pump Set .....	(Oil required) Rotary Vacuum Pump + (Oil free) Turbo Molecular Pump set
Rotary Pumping Speed .....	50 Hz : 16m <sup>3</sup> /h (4.4 L/s) / 60 Hz : 19.2m <sup>3</sup> /h (5.2 L/s)
Molecular Pumping Speed .....	300 L/S
Vacuum Limit .....	5 x 10 <sup>-5</sup> Pa
Working Pressure .....	0.5 - 5 Pa
Vacuuming Time .....	> 10 Min (10 <sup>-3</sup> Pa)
Vacuum Measure .....	Measuring range from atmosphere to 10 <sup>-6</sup> Pa
Gas Control .....	Gas Flow Controller
Chamber Size .....	φ260 * 200mm (height) Metal
Magnetron Target Source .....	Target size φ 50 * 3mm (Cu) / Target source: Weak Magnetic Substance / Materials
Operation Method .....	Instruction Manual
Weight / Size .....	100kg / 610mm length x 420mm wide x 490mm high
Power Supply .....	AC 110V 60Hz or AC 220V 50Hz
Power Consumption .....	< 3000W
Cooling Method .....	Air Cooling(Pump) + Water Cooling(Sputtering Target)
Warranty .....	One year limited warranty with lifetime product support



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

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