

DC / RF+DC Model)

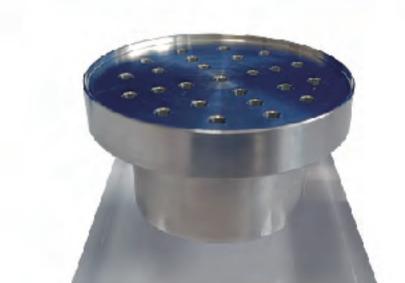
To better serve you, we would like to discuss your specific requirement. Please Contact Exclusive Partner PI-KEM Limited for a quote.



Magnetron Sputtering Head



Sample Stage



0

Di wemun

SD-980

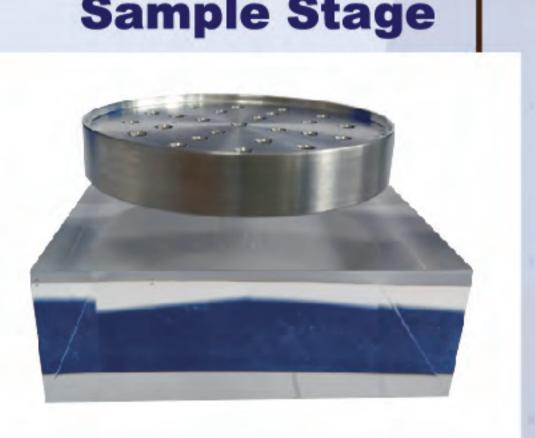


Carbon Rope

Glass Chamber



0----

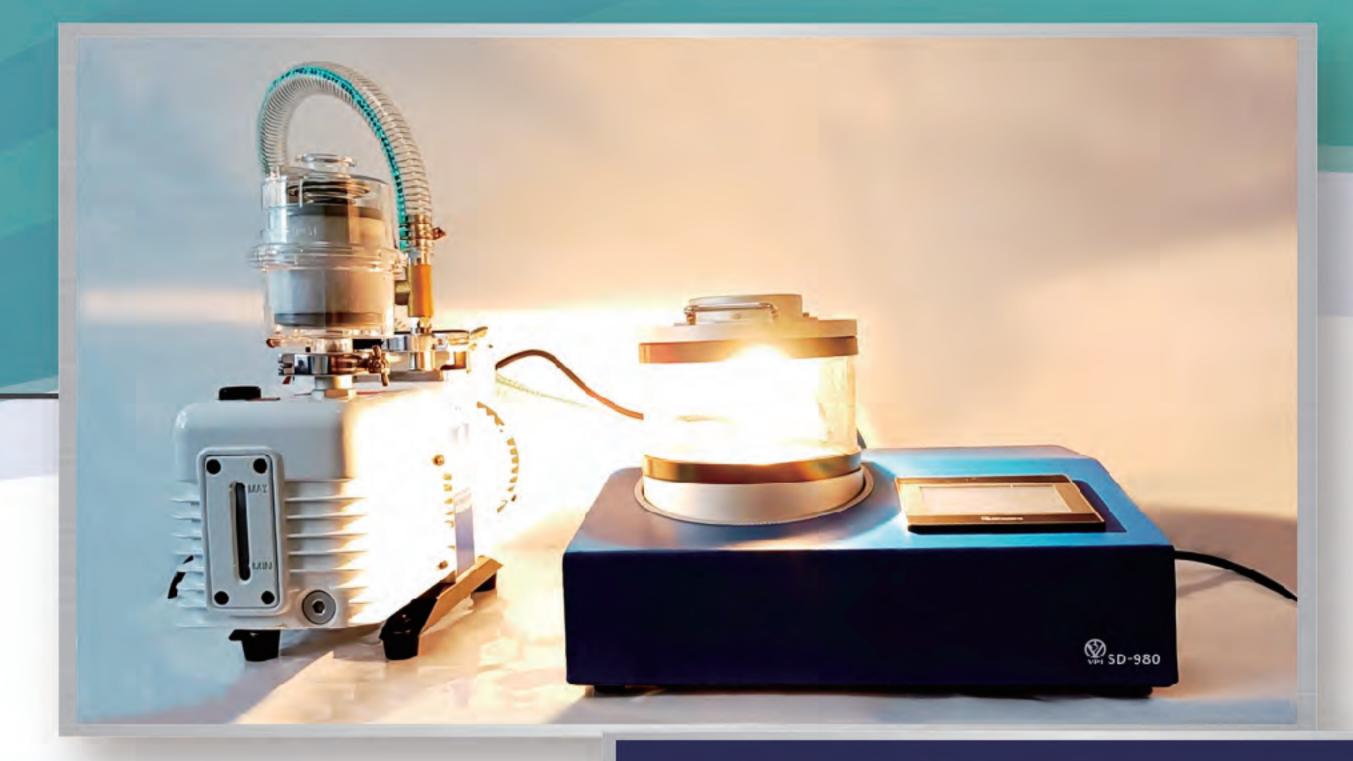
















Pulsing Thermal Evaporation Carbon Coater Model: SD-980

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

Technical Specifications

Vacuum Pump Set(Oil required) Rotary Vacuum PumpRotary Pumping Speed50 Hz : 8 m³/h (2.2 L/s) / 60 Hz : 9.6m /h³(2.6 L/s)Vacuum Limit2 PaMax Evaporation Current80AWorking Pressure6 Pa - 4 PaVacuum Measure< 5 Min (2 Pa)</td>Vacuum MeasureMeasuring range from atmosphere to $2x10^2$ mbarChamber Size $\phi150 * 120$ mm (height) Scratch Resistant Quartz GlassEvaporation Target SourceTarget material: Carbon Rope / Target source: Carbon RopeOperation MethodInstruction ManualWeight / Size45kg / 390mm length x 310mm wide × 290mm highPower Consumption< 2000W</td>WarrantyOne year limited warranty with lifetime product support



To better serve you, we would like to discuss your specific requirement. Please Contact Exclusive Partner PI-KEM Limited for a quote.





Magnetron Ion Sputtering Coater Model: SD-900M

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

Technical Specifications

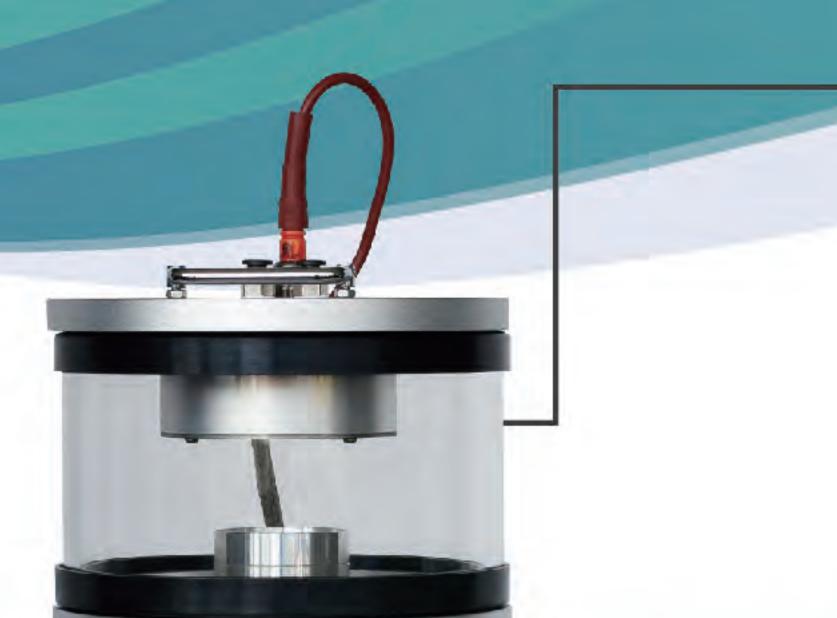
Vacuum Pump Set ------ (Oil required) Rotary Vacuum Pump Rotary Pumping Speed ----- 50 Hz : 8 m /h³ (2.2 L/s) / 60 Hz : 9.6m /h³ (2.6 L/s) Vacuum Limit ----- 2 Pa Max Sputtering Current ----- 100mA Working Pressure ----- 20 Pa - 8 Pa Vacuuming Time ----- < 5 Min (2 Pa) Vacuum Measure ______ Measuring range from atmosphere to 2x10²mbar Gas Control ----- Gas Flow Controller Magnetron Target Source - - - - - - - - Target size φ 50 * 0.1mm (Au) / Target source: Au, Ag, Pt **Operation Method** ------ Instruction Manual Weight / Size ----- 45kg / 360mm length x 300mm wide × 380mm high Power Supply ------ AC 110V 60Hz or AC 220V 50Hz Power Consumption _ _ _ < 1500W Cooling Method - - - - - - - - - Water Cooling (OPTIONAL) One year limited warranty with lifetime product support Warranty _____



To better serve you, we would like to discuss your specific requirement. Please Contact Exclusive Partner PI-KEM Limited for a quote.











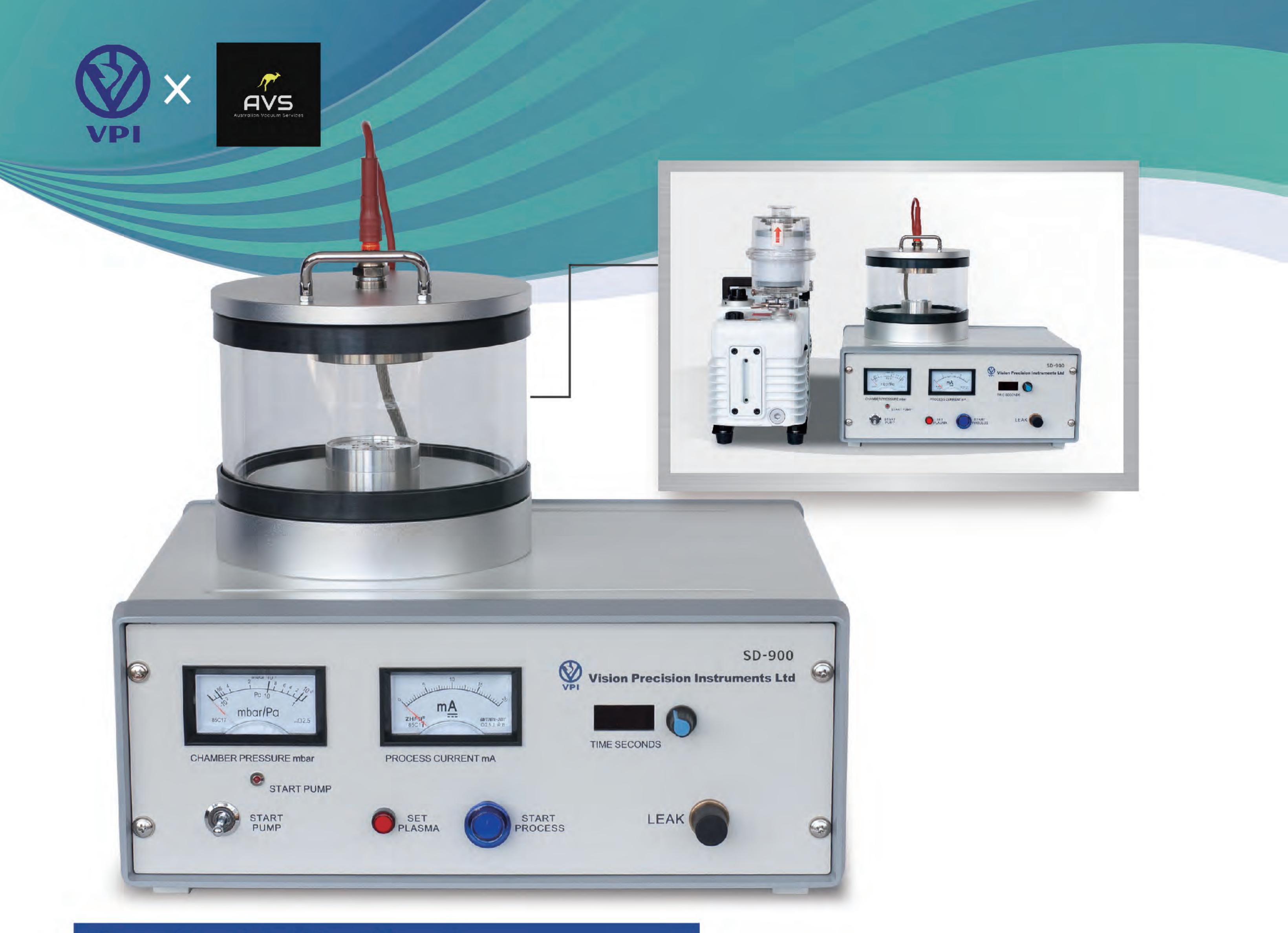
Magnetron Ion Sputtering + Thermal Evaporation Carbon Coater

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 m³/h (2.2 L/s) / 60 Hz : 9.6m³/h (2.6 L/s) Vacuum Limit ----- 2 Pa Max Sputtering Current ----- 100mA Max Evaporation Current ----- 100A Sputtering Working Pressure ---- 20 Pa - 8 Pa Working Vacuuming Time - - - - - 6 Pa - 4 Pa Vacuum Measure ----- < 5 Min (2 Pa) Gas Control - - - - - - - - - - - - Measuring range from atmosphere to 2x10⁻²mbar Chamber Size ------ Gas Flow Controller Evaporation Target Source - - - - - - Target size φ 50 * 0.1mm (Au) / Target source: Au, Ag, Pt Operation Method - - - - - - - - - - - - Target material: Carbon Rope / Target source: Carbon Rope (2 Units) Weight / (1 Unit) Size - - - - 55kg / 360mm length x 300mm wide × 380mm high Power Supply ----- AC 110V 60Hz or AC 220V 50Hz Power Consumption ----- < 2000W E Cooling Method ----- Air Cooling(Evaporation) + Water Cooling(Sputtering) Warranty ----- One year limited warranty with lifetime product support

To better serve you, we would like to discuss your specific requirement. **Please Contact Exclusive Partner PI-KEM Limited for a quote.**



Ion Sputtering Coater Model: SD-900

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 m³/h (2.2 L/s) / 60 Hz : 9.6m³/h (2.6 L/s) Vacuum Limit ----- 2 Pa Max Sputtering Current ----- 0~20 mA Working Pressure ----- 30 Pa - 7 Pa Vacuuming Time ----- < 5 Min (2 Pa) Vacuum Measure ______ Measuring range from atmosphere to 2x10²mbar Gas Control ----- Gas Flow Controller Chamber Size ------ q150 * 120mm (height) Scratch Resistant Quartz Glass Magnetron Target Source - - - - - - - - - Target size φ 50 * 0.1mm (Au) / Target source: Au, Ag, Pt Operation Method - - - - - - - - - Instruction Manual Power Supply ------ AC 110V 60Hz or AC 220V 50Hz Power Consumption _ _ _ < 1500W Cooling Method Air Cooling One year limited warranty with lifetime product support Warranty _____



To better serve you, we would like to discuss your specific requirement. Please Contact Exclusive Partner PI-KEM Limited for a quote.







Thermal Evaporation Carbon Coater Model: SD-800C

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

Technical Specifications



To better serve you, we would like to discuss your specific requirement. Please Contact Exclusive Partner PI-KEM Limited for a quote.





Portable Auto Ion Sputtering Coater Model: SD-800

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

Technical Specifications

Vacuum Pump Set(Oil required) Rotary Vacuum PumpRotary Pumping Speed50 Hz : 8 m³/h (2.2 L/s) / 60 Hz : 9.6m³/h (2.6 L/s)Vacuuming Time< 2 Min</td>Chamber Sizeφ115 * 100mm (height) Scratch Resistant Quartz GlassMagnetron Target SourceTarget size φ 50 * 0.1mm (Au) / Target source: Au, Ag, PtOperation MethodInstruction ManualWeight / Size40kg / 307mm length x 260 mm wide × 260 mm highPower Consumption< 1500W</td>Cooling MethodAir CoolingWarrantyOne year limited warranty with lifetime product support



To better serve you, we would like to discuss your specific requirement. Please Contact Exclusive Partner PI-KEM Limited for a quote.









High Vacuum Magnetron Ion Sputtering Coater for Materials Science / Sample Preparation (RF / DC / RF+DC Model)

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

Technical Specifications

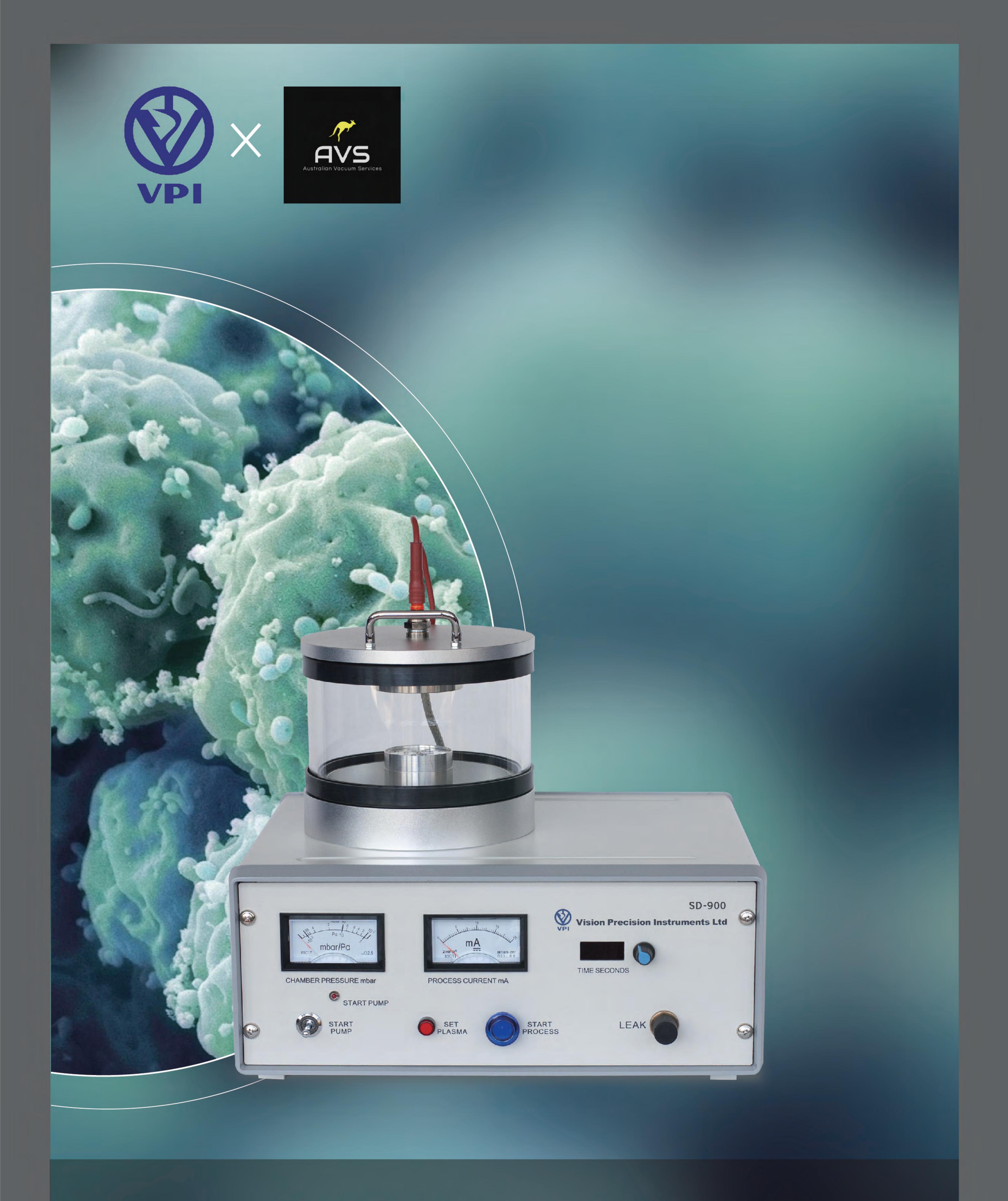
Molecular Pumping Speed . _ _ _ _ 300 L/S Working Pressure ----- 0.5 - 5 Pa Vacuuming Time - - - - - - - - - - - - > 10 Min (10⁻³ Pa) Vacuum Measure - - - - - - - - - - - - - Measuring range from atmosphere to 10^{-o}Pa Gas Control ----- Gas Flow Controller

Operation Method -----

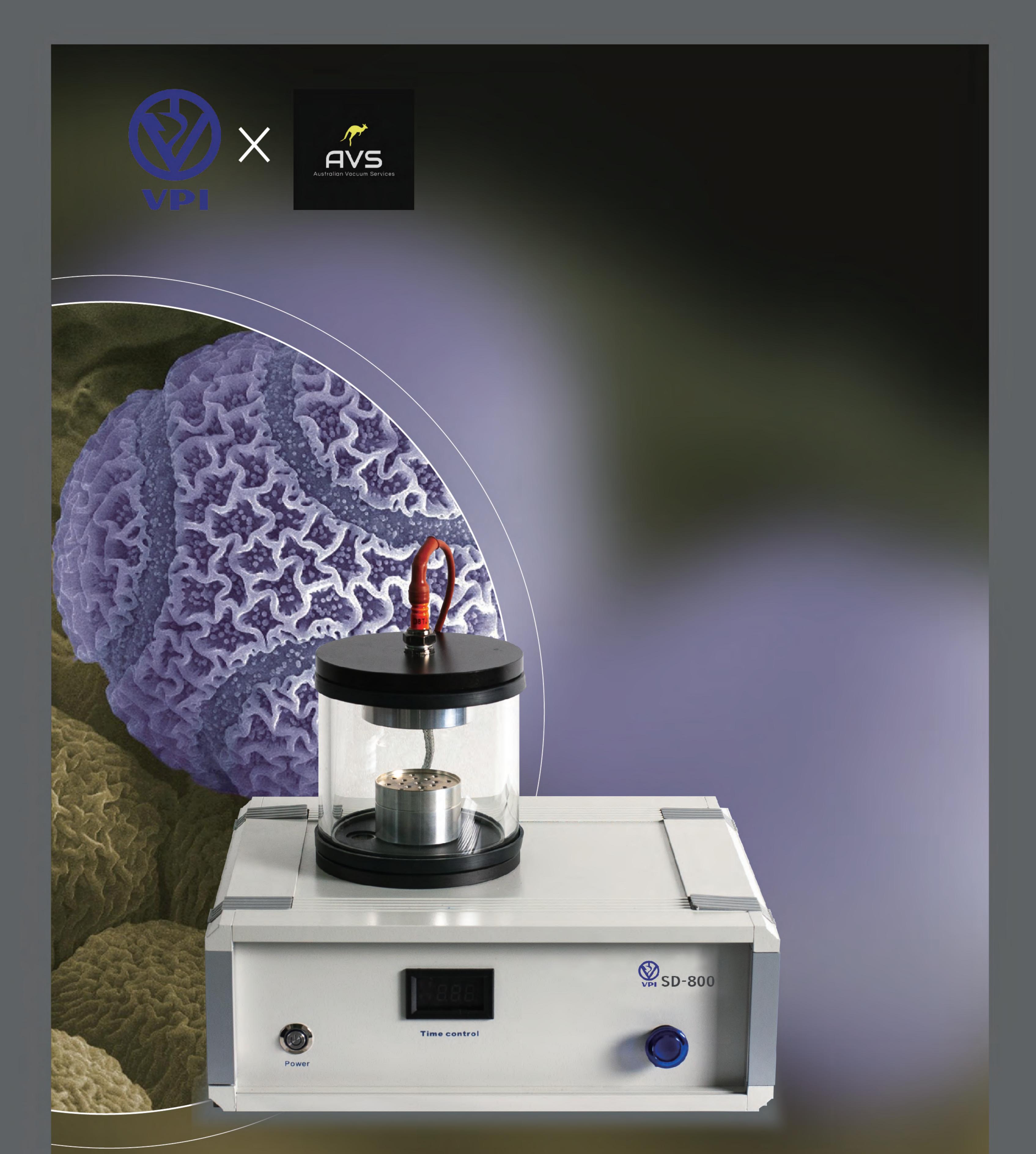
Vacuum Pump Set ------ (Oil required) Rotary Vacuum Pump + (Oil free) Turbo Molecular Pump set Rotary Pumping Speed ------ 50 Hz : 16m³/h (4.4 L/s) / 60 Hz : 19.2m³/h (5.2 L/s) Magnetron Target Source ------ Target size φ 50 * 3mm (Cu) / Target source: Weak Magnetic Substance / Materials Instruction Manual

Weight / Size ----- 490mm high Power Supply. _ _ _ _ _ _ _ _ AC 110V 60Hz or AC 220V 50Hz Power Consumption ----- < 3000W Power Consumption ------ < 3000W Cooling Method ------ Air Cooling(Pump) + Water Cooling(Sputtering Target) Warranty ------ One year limited warranty with lifetime product support Warranty ----- with lifetime product support

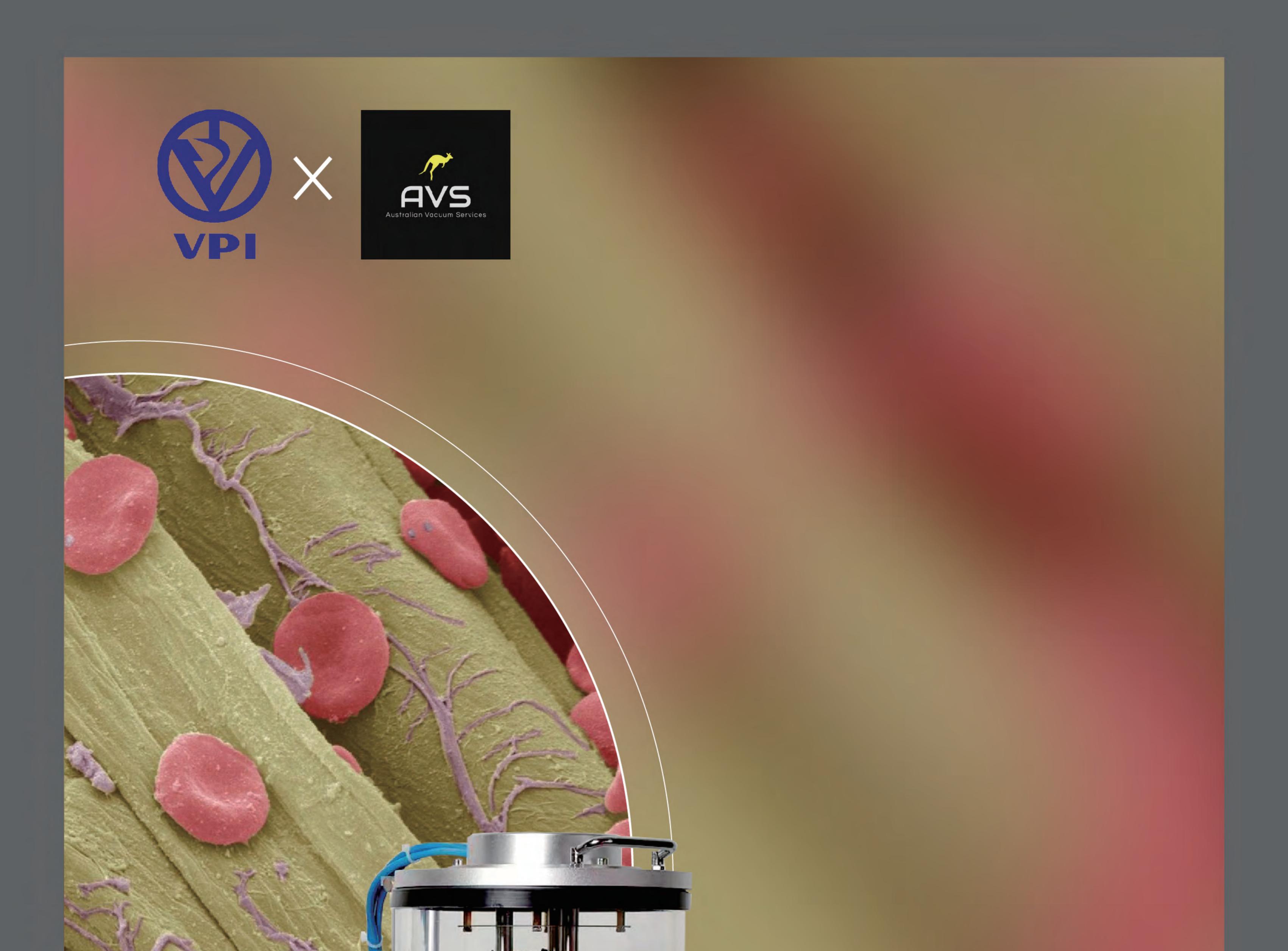
To better serve you, we would like to discuss your specific requirement. **Please Contact Exclusive Partner PI-KEM Limited for a quote.**

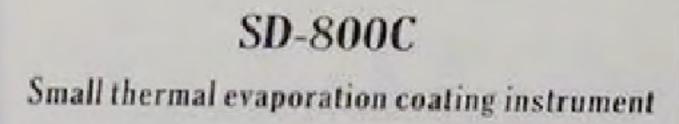


Ion Sputtering Coater



Portable Auto Ion Sputtering Coater

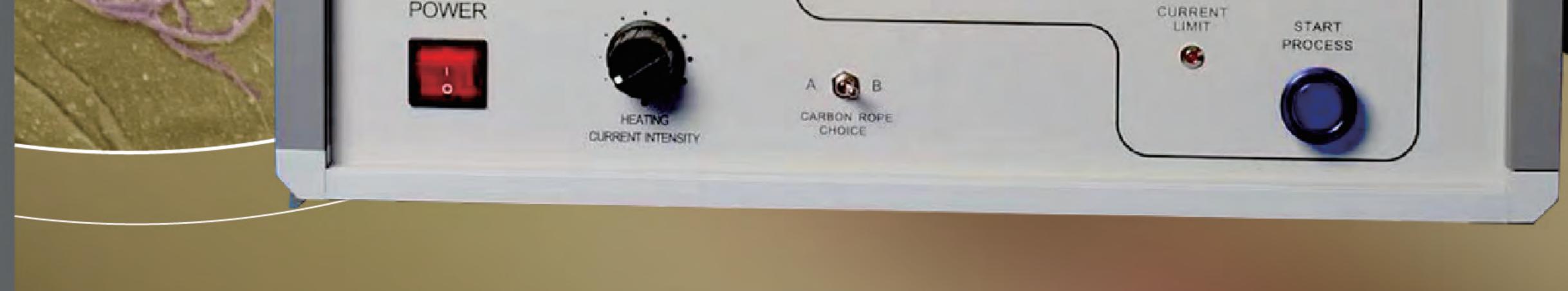








CHAMBER PRESSURE mbar





EVAPORATION CURRENT A

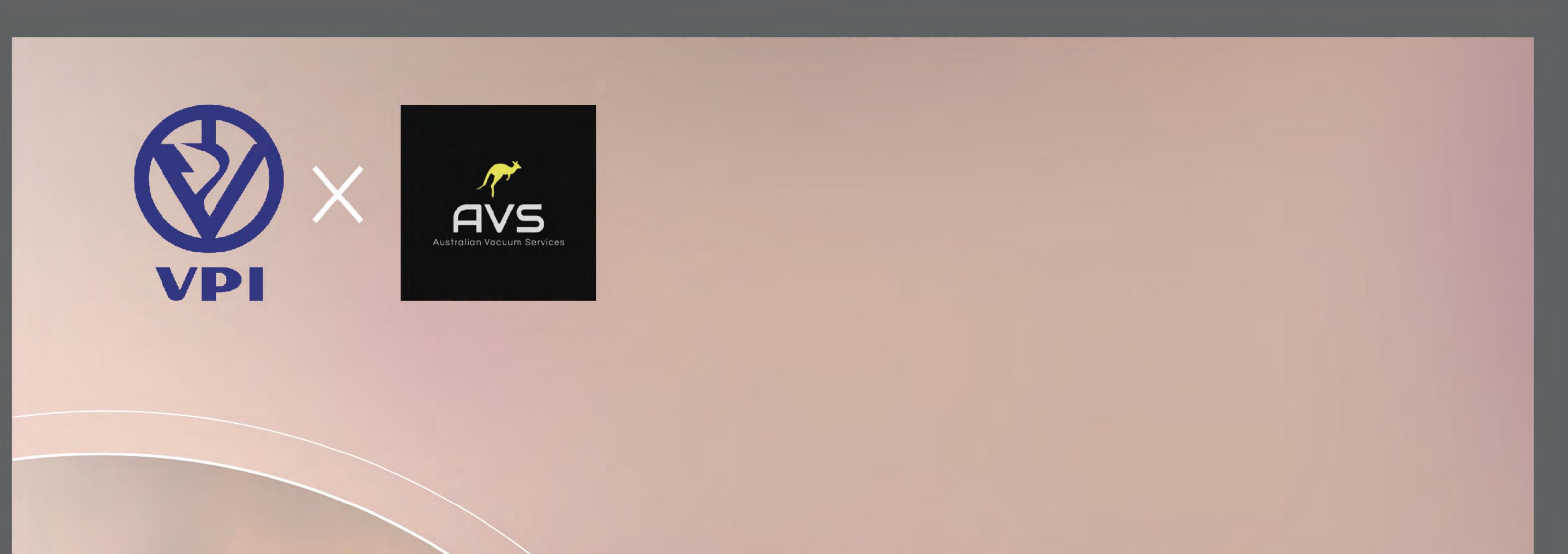


Thermal Evaporation Carbon Coater





Pulsing Thermal Evaporation Carbon Coater





Magnetron Ion Sputtering Thermal Evaporation Carbon Coater



High Vacuum Magnetron Sputtering Coater (RF / DC / RF+DC Model)



Magnetron Ion Sputtering Coater





requirement. Please contact us for a quote.

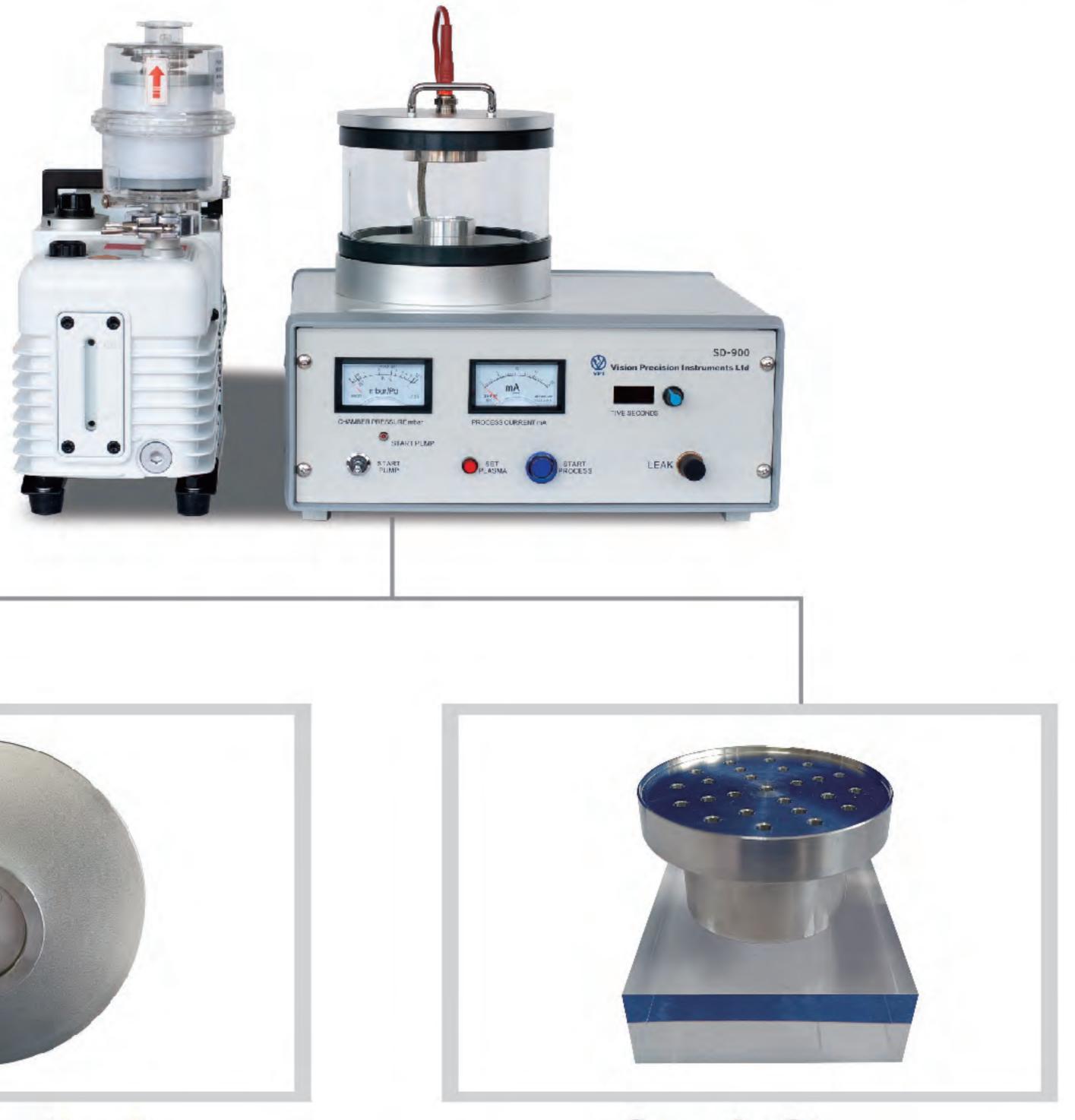


Ion Sputtering Coater Model: SD-900

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

Technical Specifications

Vacuum Pump Set Rotary Pumping Speed Vacuum Limit Max Sputtering Current	- 50 Hz : 8 m ³ /h (2.2 L/s - 2 Pa - $0\sim20$ mA - 30 Pa - 7 Pa - < 5 Min (2 Pa) - Measuring range from - Gas Flow Controller - $\varphi150 * 120$ mm (height - Target size $\varphi 50 * 0.1$ m - Instruction Manual - 45 kg / 360 mm length - AC 110V 60Hz or AC 2
Power Supply	AC 110V 60Hz or AC 2
Power Consumption	
Warranty	One year limited warra





Sputtering Head

Vacuum Pump /s) / 60 Hz : 9.6m³/h (2.6 L/s)

n atmosphere to 2x10²mbar

nt) Scratch Resistant Quartz Glass 1mm (Au) / Target source: Au, Ag, Pt

n x 300mm wide × 380mm high 220V 50Hz

ranty with lifetime product support







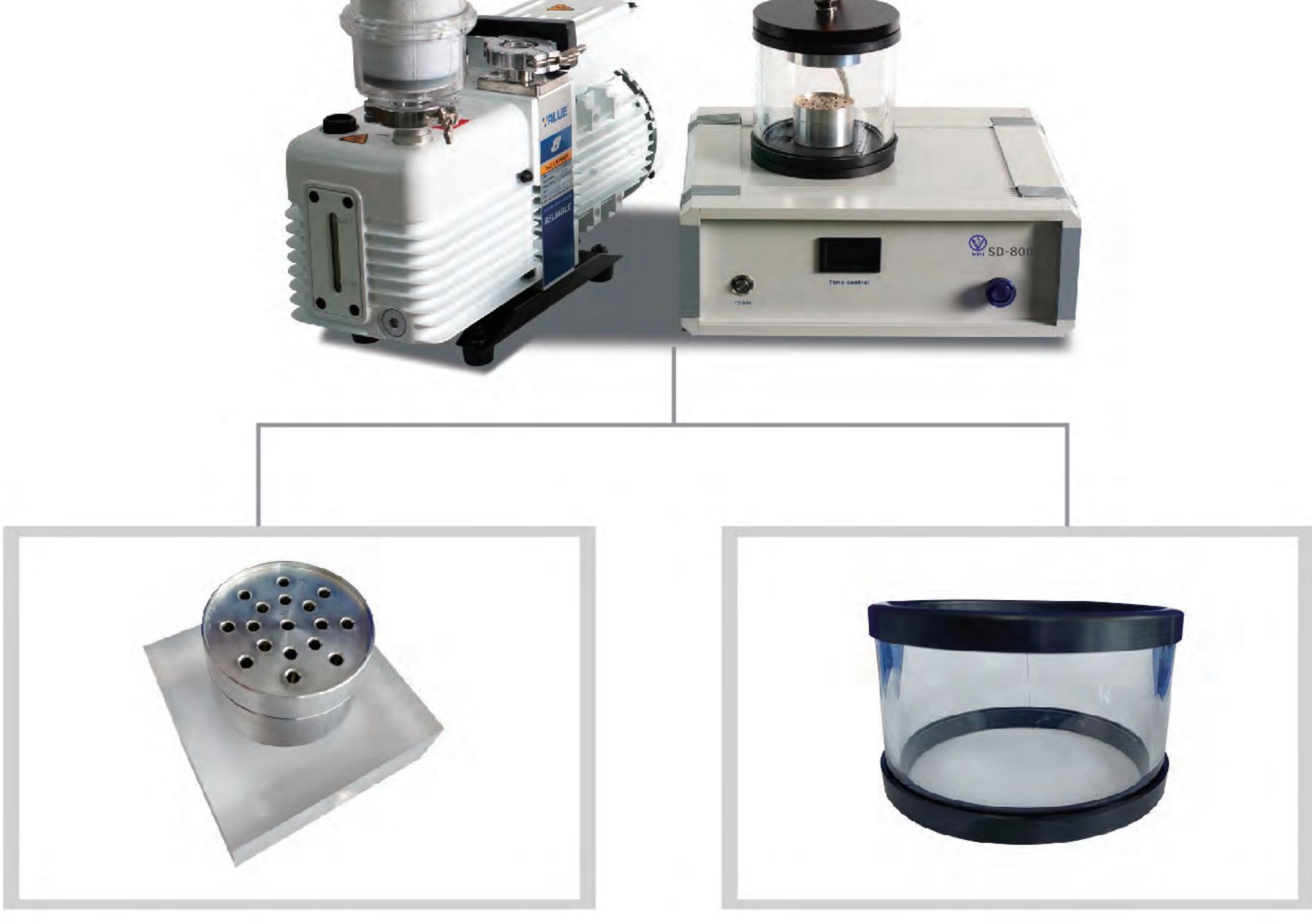
Portable Auto Ion Sputtering Coater Model: SD-800

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

Technical Specifications

Vacuum Pump Set (Oil required) Rotary
Rotary Pumping Speed 5	50 Hz : 8 m ³ /h (2.2 L
Vacuuming Time	< 2 Min
Chamber Size	p115 * 100mm (heigh
Magnetron Target Source T	Target size φ 50 * 0.1
Operation Method I	nstruction Manual
Weight / Size 4	Okg / 307mm length
Power Supply A	AC 110V 60Hz or AC
Power Consumption <	< 1500W
Cooling Method A	Air Cooling
Warranty	One year limited war





Sample Stage

Vacuum Pump L/s) / 60 Hz : 9.6m³/h (2.6 L/s)

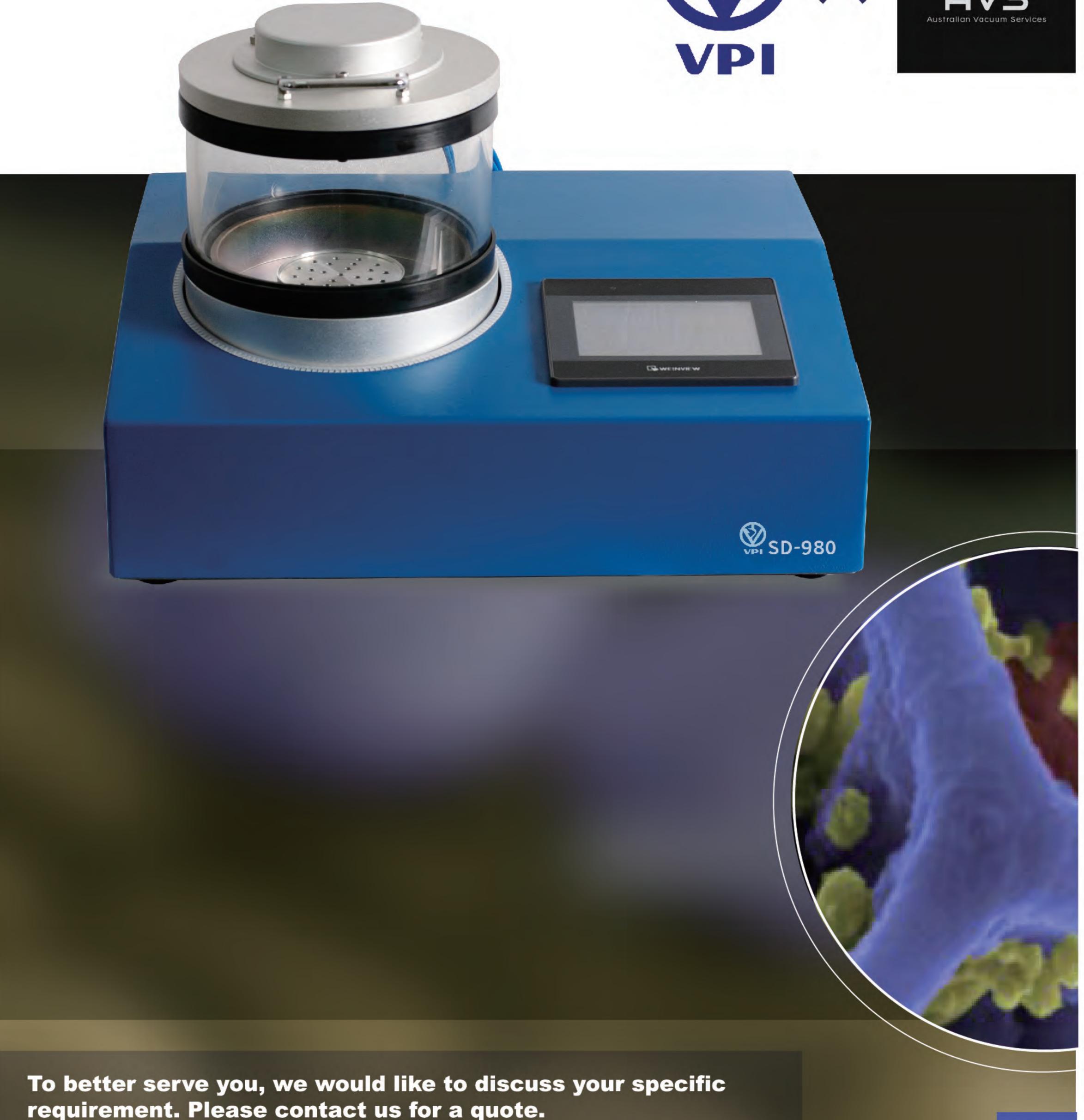
ht) Scratch Resistant Quartz Glass .1mm (Au) / Target source: Au, Ag, Pt

n x 260 mm wide × 260 mm high 220V 50Hz

rranty with lifetime product support



Glass Chamber



requirement. Please contact us for a quote.



AVS

Pulsing Thermal Evaporation Carbon Coater Model: SD-980

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

Technical Specifications

quired) Rotary \ : 8 m ³ /h (2.2 L/s
4 Pa
n (2 Pa)
uring range from
* 120mm (height
material: Carbo
ction Manual
390mm length
OV 60Hz or AC
WC
ear limited warra





Carbon Rope



Glass Chamber

Vacuum Pump $(s) / 60 \text{ Hz} : 9.6 \text{ m} / \text{h}^3 (2.6 \text{ L/s})$

m atmosphere to 2x10⁻²mbar ht) Scratch Resistant Quartz Glass oon Rope / Target source: Carbon Rope

C E

n x 310mm wide × 290mm high 220V 50Hz

rranty with lifetime product support





Magnetron Ion Sputtering + Thermal Evaporation Carbon Coater

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

Technical Specifications

Vacuum Pump Set	Rotary Pumping Speed	50 Hz : 8 m ³ /h (2.2 L/s 2 Pa 100M 20 Pa - 8 Pa 6 Pa - 4 Pa 5 Min (2 Pa) Measuring range from Gas Flow Controller ϕ 150 * 120mm (height) Target size ϕ 50 * 0.1m Target material: Carbor Instruction Manual 55kg / 360mm length x AC 110V 60Hz or AC 2 < 2000W
-----------------	----------------------	--





Magnetron Sputtering Head

Glass Chamber

/acuum Pump s) / 60 Hz : 9.6m³/h (2.6 L/s)

atmosphere to 2x10²mbar

Scratch Resistant Quartz Glass mm (Au) / Target source: Au, Ag, Pt / Target source: Carbon Rope on Rope

x 300mm wide × 380mm high 220V 50Hz

on) + Water Cooling(Sputtering) anty with lifetime product support





Magnetron Ion Sputtering Coater Model: SD-900M

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

Technical Specifications

Vacuum Pump Set	(Oil required) Rotary V
Rotary Pumping Speed	
Vacuum Limit	2 Pa
Max Sputtering Current	100mA
Working Pressure	
Vacuuming Time	
Vacuum Measure	Measuring range from
Gas Control	
Chamber Size	φ150 * 120mm (height
Magnetron Target Source	
Operation Method	-
Weight / Size	
Power Supply	
Power Consumption	
Cooling Method	
Warranty	One year limited warra





Magnetron Sputtering Head

Vacuum Pump _/s) / 60 Hz : 9.6m /h³(2.6 L/s)

m atmosphere to 2x10²mbar

ht) Scratch Resistant Quartz Glass 1mm (Au) / Target source: Au, Ag, Pt

h x 300mm wide × 380mm high 220V 50Hz

IONAL) rranty with lifetime product support





Thermal Evaporation Carbon Coater Model: SD-800C

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

Technical Specifications

ry
Ĺ
on
igł
rb
gth
C
arı







Carbon Rope

Glass Chamber

Vacuum Pump L/s) / 60 Hz : 9.6m³/h (2.6 L/s)

om atmosphere to 2x10²mbar ght) Scratch Resistant Quartz Glass bon Rope / Target source: Carbon Rope

gth x 390mm wide × 300mm high C 220V 50Hz

arranty with lifetime product support





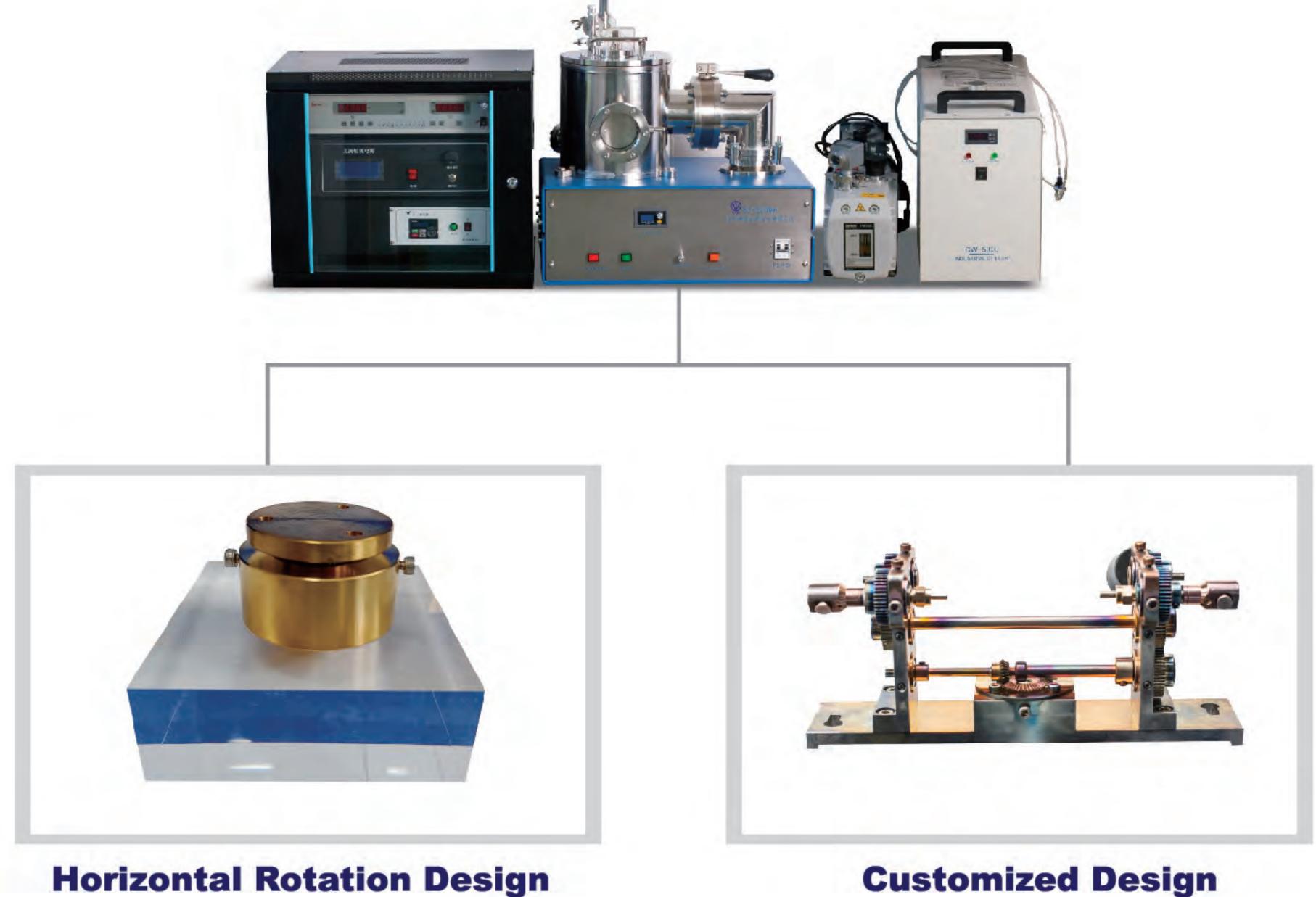


High Vacuum Magnetron Ion Sputtering Coater for Materials Science / Sample Preparation (RF / DC / RF+DC Model)

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

Technical Specifications

Vacuum Pump Set	(Oil required) Ro Pump set
Rotary Pumping Speed	
Molecular Pumping Speed	300 L/S
Vacuum Limit	5 x 10 ⁻⁵ Pa
Working Pressure	
Vacuuming Time	> 10 Min (10 ⁻³ Pa
Vacuum Measure	
Gas Control	Gas Flow Contro
Chamber Size	
Magnetron Target Source	
	Substance / Mate
Operation Method	Instruction Manu
Weight / Size	100kg / 610mm l
Power Supply	AC 110V 60Hz o
Power Consumption	
Cooling Method	Air Cooling(Pum
Warranty	



Horizontal Rotation Design

otary Vacuum Pump + (Oil free) Turbo Molecular

(4.4 L/s) / 60 Hz : 19.2m³/h (5.2 L/s)

e from atmosphere to 10^{-®}Pa oller (height) Metal * 3mm (Cu) / Target source: Weak Magnetic terials length x 420mm wide × 490mm high or AC 220V 50Hz

np) + Water Cooling(Sputtering Target) warranty with lifetime product support



Pulsing Thermal Evaporation Carbon Coater Model: SD-980

Technical Specifications

Vacuum Pump Set	(Oil required) Rota
Rotary Pumping Speed	50 Hz : 8 m ³ /h (2.2
Vacuum Limit	2 Pa
Max Evaporation Current	80A
Working Pressure	6 Pa - 4 Pa
Vacuuming Time	< 5 Min (2 Pa)
Vacuum Measure	Measuring range fi
Chamber Size	φ150 * 120mm (he
Evaporation Target Source	Target material: Ca
Operation Method	Instruction Manual
Weight / Size	45kg / 390mm leng
Power Supply	AC 110V 60Hz or /
Power Consumption	< 2000W
Warranty	One year limited w



ary Vacuum Pump 2.2 L/s) / 60 Hz : 9.6m /h³(2.6 L/s)

from atmosphere to 2x10⁻²mbar eight) Scratch Resistant Quartz Glass Carbon Rope / Target source: Carbon Rope ngth x 310mm wide × 290mm high

AC 220V 50Hz

warranty with lifetime product support



Magnetron Ion Sputtering + Thermal Evaporation Carbon Coater



High Vacuum Magnetron Ion Sputtering Coater for Materials Science / Sample Preparation (RF / DC / RF+DC Model)

Technical Specifications

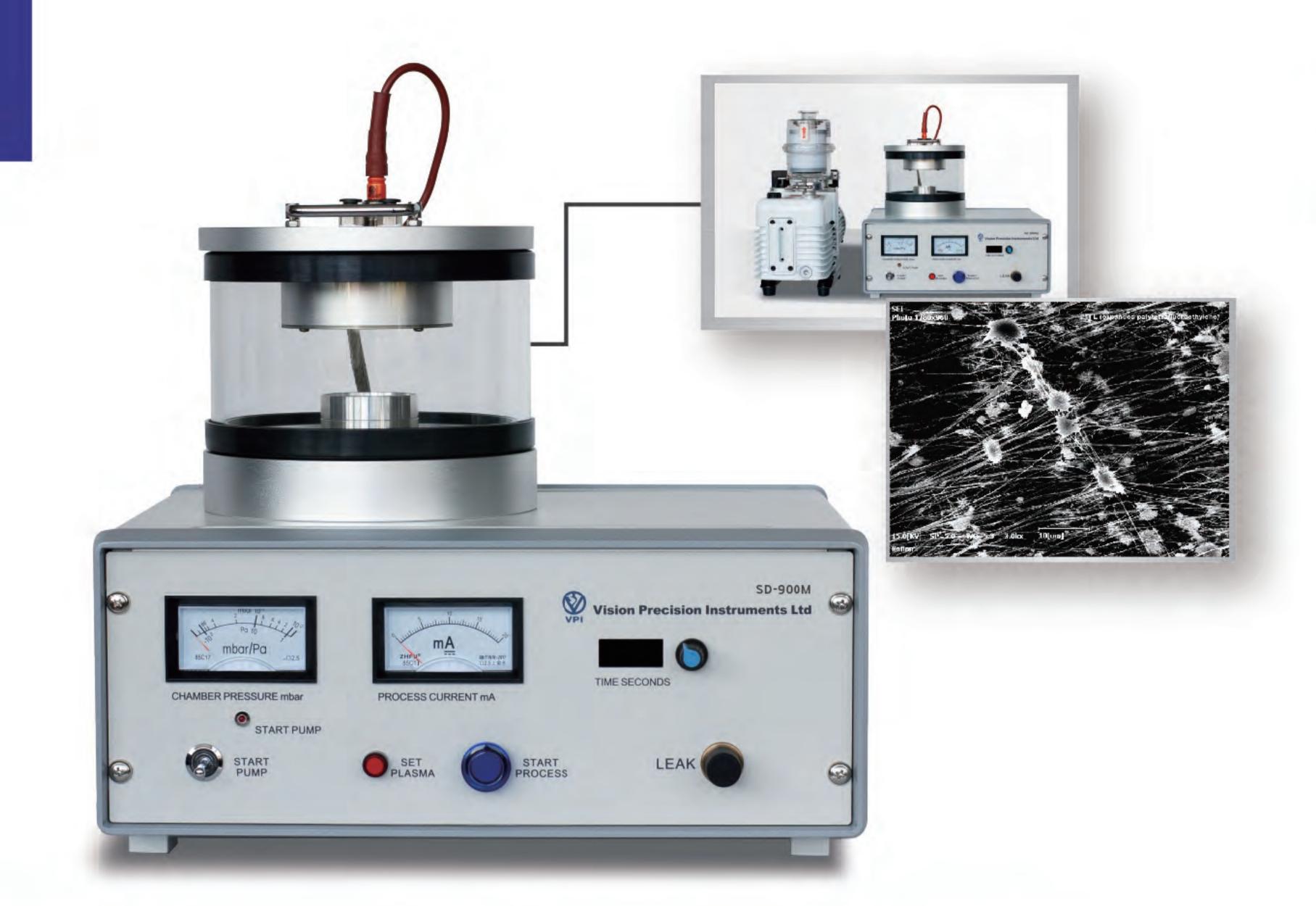
Vacuum Pump Set	(Oil required Pump set
Rotary Pumping Speed	
Molecular Pumping Speed	300 L/S
Vacuum Limit	5 x 10 ⁻⁵ Pa
Working Pressure	
Vacuuming Time	> 10 Min (10
Vacuum Measure	Measuring ra
Gas Control	
Chamber Size	
Magnetron Target Source	
	Substance /
Operation Method	Instruction M
Weight / Size	
Power Supply	-
Power Consumption	< 3000W
Cooling Method	Air Cooling(F
Warranty	One year lim

d) Rotary Vacuum Pump + (Oil free) Turbo Molecular

n³/h (4.4 L/s) / 60 Hz : 19.2m³/h (5.2 L/s)

)⁻³Pa) range from atmosphere to 10⁻[°]Pa ontroller mm (height) Metal φ 50 * 3mm (Cu) / Target source: Weak Magnetic Materials Manual mm length x 420mm wide × 490mm high Hz or AC 220V 50Hz

(Pump) + Water Cooling(Sputtering Target) imited warranty with lifetime product support



Magnetron Ion Sputtering Coater Model: SD-900M

Technical Specifications

Vacuum Pump Set	
Rotary Pumping Speed	
Max Sputtering Current	100mA
Working Pressure	
Vacuuming Time	
Vacuum Measure	
Gas Control	Gas Flow Controller
Chamber Size	
Magnetron Target Source	Target size φ 50 * 0.1mm
Operation Method	Instruction Manual
Weight / Size	45kg / 360mm length x 3
Power Supply	AC 110V 60Hz or AC 220
Power Consumption	< 1500W
Cooling Method	Water Cooling (OPTION/
Warranty	One year limited warrant



cuum Pump 60 Hz : 9.6m /h³(2.6 L/s)

tmosphere to 2x10⁻²mbar

Scratch Resistant Quartz Glass m (Au) / Target source: Au, Ag, Pt

300mm wide × 380mm high 20V 50Hz

ty with lifetime product support

W: www.australianvacuumservices.com Tel: +61 (0) 2 8626 6495



