



J20

ION SPUTTER COATER

The J20 is a dual-target ion sputter coater based on the principle of magnetron sputtering. It uses a high-performance rotary vane pump to quickly achieve a vacuum pressure of less than 3 Pa. Equipped with a proprietary rotary-tilting sample stage, it deposits a more homogeneous and stable conductive layer on the sample surface. It is widely suitable for applications such as sputtering gold, platinum, and platinum-gold layered alloy on field emission electron microscope (FE-SEM) samples that require higher resolution, particularly for 3D powder and delicate samples.

Touchscreen automatic control, plug and play.



**Unique Pt-Au Layered
Recipe**

SUV in Sputter Coater

**Rotary-tilting Stage
Uniform Coating**

SuPro Instruments LTD

Nanshan ,

Shenzhen, China

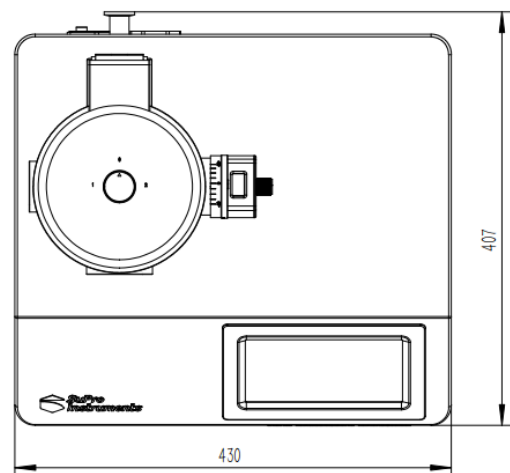
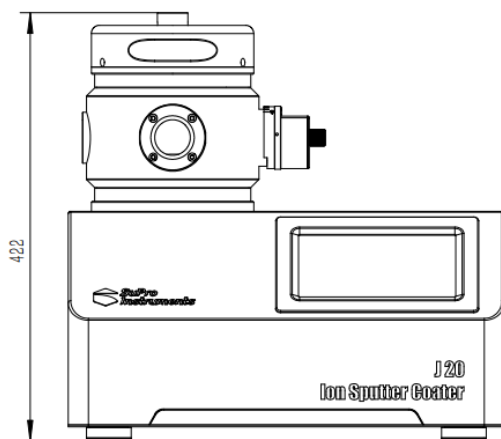
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Technical Specifications	Parameters
Vacuum Pump	Rotary Vane Pump
Pumping Speed	$\geq 4 \text{ m}^3/\text{h}$
Ultimate Vacuum	$< 1 \text{ Pa}$
Working Pressure	4 -10 Pa (Constant Pressure Control)
Pumping Time	$< 3\text{-}5 \text{ Min}$
Vacuum Gauge	Pirani Vacuum Gauge
Chamber	$\text{Ø}135*120 \text{ mm}$ (Inner Dimension)
Sputtering Target	$\text{Ø} 30*0.1\text{-}1\text{mm}$ (2 PCS)
Digital sample stage	$\text{Ø}75\text{mm}$ Rotary-tilting Sample Stage, Rotation Speed: 10-60RPM; Tilting Angle: ± 40 Degrees; WD: 40-60mm
Sputtering Power	Constant Power Magnetron Sputtering DC Power Supply (Max.20W, Max.100 mA, 0-800V DC)
Operation Mode	Touchscreen Control with the Control System Providing Interlock Protection Functions
Weight	$\sim 21.5 \text{ kg}$
Dimension	430 mm*407 mm*422 mm
Power Supply	100-220V AC, 50/60Hz Grounded Three-prong Plug
Power Consumption	$< 500 \text{ W}$
Warranty	One Year
Remarks	The technical specifications and parameters listed above will be updated without prior notice. If you have any questions, please contact us



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