

ZY-PVD1413ZS ZY-PVD1613ZS ZY-PVD1913ZS Magnetron Sputtering Coating Machine

● Features

1. Green environmental protection, pollution-free.
2. Installed big size vacuum chamber, large loading capacity, high production efficiency, cost-effective.
3. Automatic control system, easy operation, stable performance.
4. Film layer is smooth, densification, and glossy.
5. Films uniformity and repeatability very good.



● Equipment Brief

ZY-PVD1913ZS (1613ZS,1413ZS) Magnetron Sputtering Coating Machine is a high quality vacuum coating equipment, specialized use for decorative product coating film. It's integrated advanced technology of cathode arc ion coating, magnetron sputtering, pulse bias technology, etc. Adopted of medium frequency sputtering power supply and medium frequency magnetron cylindrical target, while greatly increasing the sputtering rate of target material and deposition rate of thin film, the uniformity and adhesion of the film layer are also greatly improved. Meanwhile, ZY-PVD1913ZS (1613ZS,1413ZS)has newly developed industry PC, automatic control system of professional industrial control software, simple and quick operation, stable and reliable performance. Through the software designed interlock of hardware interworking, intelligent monitoring , online status memory , breakpoint protection , etc. Combined with various hardware protection devices, make the equipment safe and reliable.

● Equipment Parameters

Chamber Size	1913:Φ1900×H1300 1613:Φ1600×H1300 1413:Φ1400×H1300	Effective Space	1913:Φ1600×H1000 1613:Φ1300×H1000 1413:Φ1100×H1000
Work-piece Max-D and Quantity	1913:Φ175×24 1613:Φ175×20 1413:Φ175×16	Standard Configuration	Arc Source 10pcs/ MF cylindrical target 6 pairs/4 pairs/2 pairs
Applied Technology	MF+ARC+ Cylindrical ARC +Planar Target(Optional)	Quantity of Target Material	Arc Target 10pcs/ Cylindrical Target 12pcs/8pcs/4pcs
Standard Coating Films Color	IP Black, Rose Gold, IP Gold, Sapphire, Champaign Gold, Cool Silver, Coffee, Rainbow, Gun Black, Zirconium Gold, Rosy, etc.	Power Source	DC stack pulse bias power source, Medium frequency magnetron sputtering power supply, Special

Production Cycle	1.5-3.5 hours/furnace	Overall Demension	vacuum arc power supply 1913:L3600XW3200XH2600mm 1613:L3300XW3000XH2600mm 1413:L3000XW3000XH2600mm
Rang of Application	Jewelry, mobile phone, watch, hardware, sanitary, golf equipment, tableware, etc.		

● Coated Product

