

Injection Molds and Die Casting Coating Machine

ZY-PVD1211GJ Multi-Arc Ion Coating Machine

● Features

1. Vacuum chamber designed vacuum seal and the processing parts inside of chamber, could bearing high temperature, and high vacuum performance.
2. Coated film layer has higher bonding strength of film base, smoother coating surfaces and better toughness.
3. Adopted Automatic control system, the process stability and repeatability are greatly improved.
4. Big chamber design, vacuum chamber size is $\Phi 1200 \times H1100$, equipped with two sets of removable lower turntable and turntable lifter, easy to operating, realize fast furnace batch switch, high production efficiency is guaranteed.



● Equipment Brief

ZY-PVD1211GJ Multi-Arc Ion Coating Machine is a super hard film ion plating film machine, self-developed by IKS, adopted unique new filter big arc source coating technology, electron gun assisted coating technology, Make the arc move quickly across the surface of the target , the ionization rate of the target material was enhanced, So that the surface of the target is etched uniformly, the coating surface is smooth and compact while the bonding force of the coating is optimized, ensure coating thickness and uniformity. Meanwhile, the application of new technology improves the efficiency of coating, saves energy and operation cost.

● Equipment Parameters

Chamber Size	Φ 1200XH1100	Effective Space	Φ850XH700
Applied Technology	HCD+ARC	Quantity of Target Material	12PcsΦ 150mm
Standard Coating	TiN, Crn, TiCN, AlTiN, etc.	Other Composite Coating	TiAlCrN, TiSiN,AlCrN, DLC, etc.
Production Cycle	3-6hours/furnace	Overall Demension	L4200XW2900XH2600mm
Rang of Application	Suitable for injection molding, hardware, die-casting, punches, forming tools and other molds, various parts, accessories		

● Coated Product

