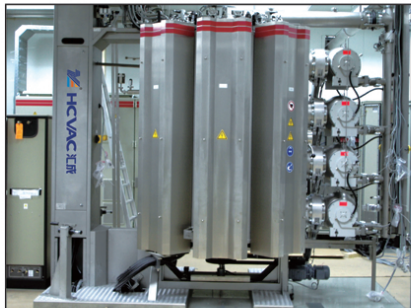


MF Magnetron Sputtering Coating Machine



The series of the equipments gradually play a leading role technique of sputtering coating field. The reason why this machine advantage with DC sputtering coating characteristic

- 1) Surmount anode disappear phenomenon
- 2) Recede or eliminate abnormal arc light discharge of target Therefore, its had advanced performance stability of sputtering processing and deposit rate of dielectric film.

We had developed plane target, columnar target, twin targets etc. MF sputtering target structure and layout. It is widely used in the watchband, watchcase, mobile shell, hardware tableware etc. It can coat TiN, TiC, TiCN, TiAlN, TrN, Cu, Au, and other decorative films.

Products



PARAMETER DESCRIPTION

Mode	JTL - 1090	JTL - 1110	JTL - 1312
Dimension	Φ1000 x 900mm	Φ1100 x 1000mm	Φ1300 x 1200mm
Coating mode and main configuration	6 multi-arc targets + one set of columnar targets + a pair of plane rectangular targets	6 multi-arc targets + a pair of twins (MF) Sputtering targets + a pair of plane rectangular cathode	8 electric-arc + 2 pairs of plane rectangular targets + a pair of twins (MF) sputtering targets.
Film Types	Metal films, Dielectric films, Compound films, Reaction Films, Multi-layer function films		
Power Source	DC magnetron power supply, MF magnetron power supply pulse bias voltage power supply, icon source power supply		
Vacuum chamber Structure	Pre-open vertical (Single) door, postposition pump system, double water-cooling		
Vacuum System	Molecule Pump (diffusion pump) + Roots Pump + Mechanical pump 8.0×10^{-5} pa		
Pumping Speed	8.0×10^{-5} pa < 15min Pumping time less than 15 minutes, from atmospheric pressure to 3.0×10^{-5} pa		
Movement of the workpiece	Variable frequency speed adjustable		
Baking temperature of the workpiece	Adjustable and controllable from room temperature to 350°C, radiation heating		
control mode	Full automation control system PC+PLC/PC+HM		
Remark	We can design the machine according to your workpiece and special technological requirement		

Products

