

Vacuum PVD Thermal Evaporation Coating Machine

This vacuum coating machine is designed for physical vapor deposition (PVD) and thermal evaporation processes. It applies thin films onto substrates using a thermal evaporation source within a cylindrical vacuum chamber.



Overview

High-Efficiency Thermal Evaporation Coating

This vacuum coating machine utilizes thermal evaporation technology to provide high-quality metallization for various automotive and decorative components. Designed for maximum throughput, the system features a dual-door or dual-cart configuration that allows for simultaneous metallizing and refilling processes. It is fully automated via computer control, ensuring consistent and reliable coating results for parts like reflectors, lamps, and decorative statues.

Key Features

Efficiency Features

- Double door/cart structure for simultaneous processing
- Optimized metallizing and refilling workflow
- Fully automated operation

Optional Features

Ion cleaning • Second protective film

Automation

Computer automatic control

Durability Characteristics

Acid-proof, Alkali-proof

Applications

Common Applications

- Automobile headlights and rear lamps
- Reflectors and lampshades
- Xenon vapor lamps
- Flashlight reflectors
- Christmas balls
- Decorative statues

Technical Configuration

Chamber Configuration

Horizontal or vertical structure