

# Optical Vacuum Thin Film Coating System

This vacuum coating machine is designed for applying anti-reflection (AR), anti-fingerprint (AF), anti-smudge (AS), high-reflection (HR), and infrared (IR) coatings. The system enables precise deposition of thin films for various optical components.



## Product Overview

### High-Efficiency Thermal Evaporating System

This optical vacuum thin film coating system is engineered for high-performance metallizing applications, specifically tailored for the automotive lighting industry. Featuring a robust design with double doors or double moving carts, the system allows for simultaneous metallizing and refilling processes to maximize production efficiency. With full computer automatic control and advanced acid/alkali-proof treatment, it ensures consistent, high-quality results that meet international standards.

## Technical Capabilities

Coating Technology	Thermal Evaporating Vacuum Coating
Control System	Computer Automatic Control
Optional Features	Ion Cleaning, Second Protective Film

## Operational Efficiency

Structural Configuration	Horizontal or Vertical Structure
Throughput Optimization	Double-door/Double-cart system for simultaneous refilling and coating

## Durability & Standards

**Chemical Resistance**  
Acid-proof • Alkali-proof

## Applications

### Typical Applications

- Automobile Headlights
- Rear Lamps
- Reflector Lamps
- Lampshades
- Turn Lights
- Xenon Vapor Lamps
- Flashlight Reflectors
- Decorative Statues
- Christmas Balls