

RT1400-PLUS 镀膜设备

2-sides Gold Plating Technology on Glassware
玻璃双面金离子镀膜技术



NEW TREND

玻璃双面金离子镀膜技术

Technology Background

Conventional gold coatings on glassware are by aluminum vacuum metallization combine the thermal curing line.

In 2020, Royal Technology developed an advanced coating technology to generate 2-sides gold colors on glassware directly without spraying painting processes (pre/post coatings), which is by ion plating technology- arc evaporation.

This coating method is completely get rid of the spraying paintings, environmentally friendly, green technology, besides it reduces the investment of production line and labor cost for manufacturers.

技术背景

传统的玻璃器皿、玻璃杯、玻璃花瓶等上的金色是通过真空镀铝结合热固化喷涂工艺完成的。

2020年，永容科技开发了一种新的技术-离子镀膜。即无需喷涂工艺，而是直接在玻璃产品上镀膜，无论从内部还是外部看玻璃制品均呈现金黄色。

这种镀膜方式彻底摆脱了喷漆制程，帮助客户减少生产线投资和人工成本，绿色环保，节能。

Benefits 优点

Strong adhesion 膜层附着力强

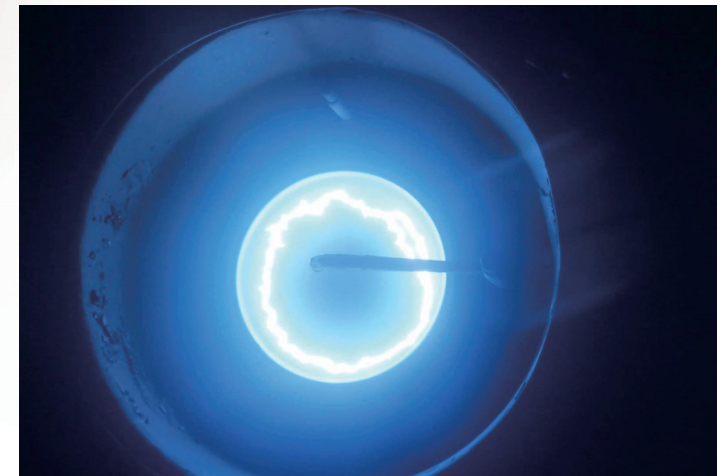
Both inside & outside seeing through is Gold color; and other more brighter colors of final finishing are available 内外透视均为金色；其它装饰镀颜色亦可实现

Excellent scratch resistance 优异的耐刮擦性，耐磨

Environmentally-friendly process 环保工艺

Energy saving and labor cost reduce 节能、降低人工成本

Higher productivity 更高的生产效率



Main Features 主要特征

Standardized, modular design and fabrication

PS electrical enclosure, designed and manufactured strictly following CE standards

Operating software program in IPC is exclusive developed by Royal Technology, each set of machine is ready for system upgrading

One-Touch automatically coating process is available

Designed with 2 sets trolley and racks systems can pushing in/pulling out of chamber flexibly, to improve the productivity.

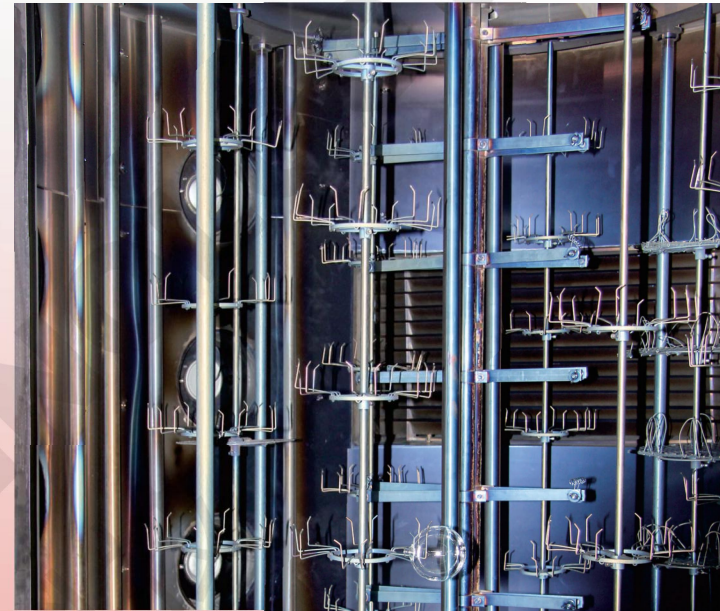
标准、模块化设计与制造

电控系统严格按照CE标准设计制造

工业用电脑(PC)操作系统, 可远程诊断, 程序由我司专业开发, 每台设备都可以进行系统升级

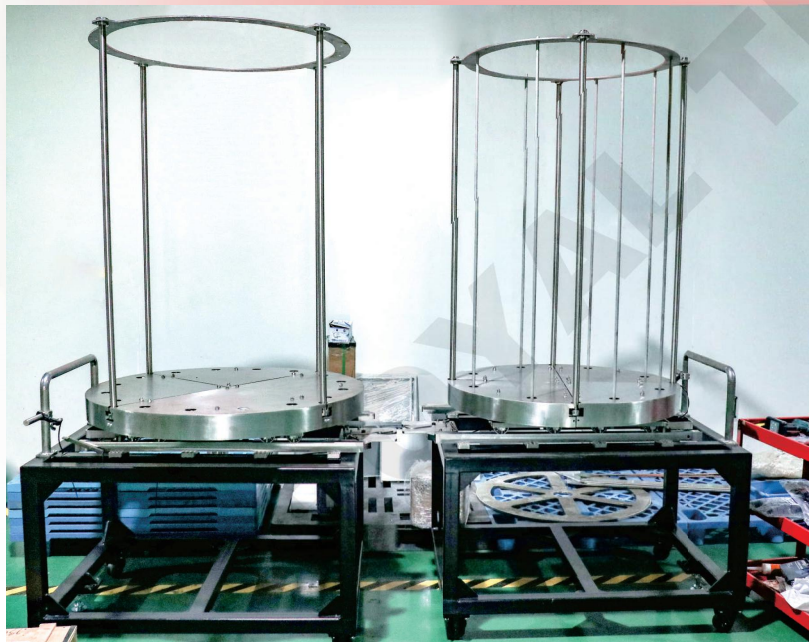
镀膜工艺一键式全自动操作

双套转架, 可整体推进、拉出腔体, 提高生产效率



RTAE1600

Arc Plating combined
with Thermal Evaporation
多弧离子镀与蒸发镀复合设备



RTAC1800

Project Location: Poland
Applications: Metal wire lamp,
glass lamp

设备安装: 波兰
应用领域: 金属丝灯罩, 玻璃灯罩