

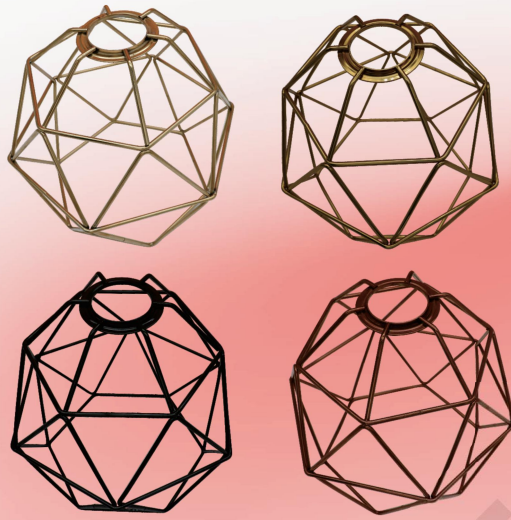
Technical Specifications

技术参数

RTAC- Arc Plating

RTAC-离子镀

TiN gold-light / TiN gold-dark /
Black / Rose gold
浅钛金色/深钛金色/
黑色/玫瑰金色



RTAC- Arc Plating

RTAC-离子镀

Crystal decorative coatings
水晶装饰镀

Description	RT1400-PLUS	RTAE1600	RTAC1800
Deposition Chamber	φ1400 * H1600mm	φ1600 * H1600mm	φ1800 * H1800mm
Load Diameter (Max.)	6*φ250mm 16*φ160mm	6*φ420mm 8*φ350mm	10*φ340mm 12*φ300mm 18*φ230mm 24*φ140mm
Load Height (Effective)	1000mm	1200mm	1400mm
Technical Advantages	<ul style="list-style-type: none"> • 2-sides gold color coating on glassware • Energy saving and labor cost reduction • 2-sets trolley & rack, pushing in/pulling out of chamber • High yield 	<ul style="list-style-type: none"> • Combined arc ion plating and thermal evaporation two techniques, complement for each other; 1) Arc deposition for decorative colors from opaque to transparent; 2) Evaporation sources to deposit aluminum high reflection film. 	<ul style="list-style-type: none"> • Higher volume for glass lamp, metal wire lamp • Available for ceramic vase, ceramic toilet, ceramic washing basins etc. larger workpieces
Deposition Sources	14 arc cathodes	14 arc cathodes + 32 groups of Tungsten wire evaporation sources	18 arc cathodes
Pulsed Bias Power	Max. 30KW	Max. 30KW	Max. 40KW
Operation & Control System	CE standard Siemens PLC + Industrial Computer Available for remote operation and diagnosis	CE standard Mitsubishi PLC+ Touch Screen Operation Program with backup	

These configurations are the standard. For a specific developing market and new special coatings, customized configurations and modifications are available on request.

描述	RT1400-PLUS	RTAE1600	RTAC1800
腔体尺寸	φ1400 * H1600mm	φ1600 * H1600mm	φ1800 * H1800mm
工件最大有效旋转直径	6*φ250mm 16*φ160mm	6*φ420mm 8*φ350mm	10*φ340mm 12*φ300mm 18*φ230mm 24*φ140mm
工件有效装载高度	1000mm	1200mm	1400mm
技术优势	<ul style="list-style-type: none"> • 可在玻璃器皿上镀制双面金色 • 节能降耗, 减少人工成本 • 2台推车和转架, 可推入/拉出镀膜腔室, 节省上、下挂时间 • 高产能 	<ul style="list-style-type: none"> • 结合弧离子镀和热蒸发两种技术, 相得益彰; 1) 弧离子镀可在玻璃产品上获得各种不同颜色色系的透明到不透明镜面的效果 2) 电阻热蒸发获得高反射的铝膜, 给予工件金属质感。 	<ul style="list-style-type: none"> • 装载量更大, 用于如玻璃灯罩、金属丝灯罩等产品装饰镀 • 适用于陶瓷花瓶、陶瓷马桶、陶瓷洗手盆等较大工件
膜沉积源	14套弧	14套弧 + 32组钨丝蒸发源	18套弧
偏压电源	最大30KW	最大30KW	最大40KW
操控系统	CE标准 西门子PLC+ 工控机 远程操控和远程诊断	CE标准 三菱PLC+ 触摸屏 操作程序备份件	CE标准 三菱PLC+ 触摸屏 操作程序备份件

以上列表为设备标准配置, 针对特殊的应用领域需要开发新的涂层, 可根据所需工艺要求提供定制设备。

RTAC- Arc Plating
离子镀



Mirror Silver 银色



Transparent Silver 透明银色



2-sides Gold 双面金色



Rose Gold 玫瑰金



Rainbow 彩色



Transparent Rainbow 透明彩色



Mirror Black 镜面黑色



Ceramic ware 陶瓷日用品: Amber琥珀色/Silver银色/Gold金色



Mirror Gold 镜面金色



Transparent Gold 透明金色

Aluminum Evaporation
RTEP- Thermal Evaporation
蒸发镀铝

