



钙钛矿电池玻璃清洗机

Perovskite Cell Glass Cleaning Equipment

特点描述

- 带式毛刷代替传统交替排布毛刷;
- 下料段EUV或大气AP进行TCO玻璃表面改性;
- 干段磁力轮传动, 湿段滴水润滑+PE斜齿轮传动;
- UPE防静电材质, 高精度AK风刀切水干燥。

Features

- Belt brush replaces the traditional alternating brush;
- EUV or AP for TCO glass surface modification;
- Dry section driven by magnet coupling gear, wet section lubricated with drip water + PE helical gear transmission;
- UPE anti-static material, High-precision air knife used to block water.

技术性能

Uptime ≥ 98%;
洗净率 ≥ 98%;
(小微粒去除率 > 98%, 中颗粒: 0ea, 大颗粒: 0ea);
接触角 < 15度 (初始条件: 接触角 < 60度);
玻璃基板尺寸: 2000mm(L) x 1000mm(W) (短边进),
厚度 2mm~5mm;
每小时 65片 (55秒/片), 玻璃间距 500mm, 传送速度最大 4m/min。

Performance

Uptime ≥ 98%;
Purification rate ≥ 98% (Small particulate > 98%,
Medium particulate: 0 EA, Large particulate: 0 EA);
Contact angle < 15° (Initial: contact angle < 60°);
Glass substrate size: 2000mm(L) x 1000mm(W) (Short side in),
Thickness 2mm~5mm;
65 pcs/hour (55 s/pc), Glass pitch 500mm, maximum transmission
speed 4m/min。

技术参数 Parameter

项目 Item	数值 Value
设备尺寸 Layout dimension	10410mm*3100mm*2200mm (含自动化 Automation included)