

ANALYSIS Programmable Spin Coater

安赛斯™ 可编程匀胶机(旋涂仪)

Model: HC150PE



安赛斯仪器
ANALYSIS CHINA LIMITED

The ANALYSIS Programmable Spin Coater adopts an efficient and space saving design; Full color touch screen operation; Advanced PLC control; Extremely high chemical compatibility; High precision and high repeatability.

安赛斯™ 可编程匀胶机采用高效、节省空间的设计；全彩触屏操作；高级 PLC 控制；极高的化学兼容性；高精度，高重复性。

Serving the Semiconductor Industry Since 2012

BENEFITS

优势

- Compact design for minimized footprint
设计紧凑，占地面积最小化
- Full-color, 4.3-inch touch screen display
全彩色 4.3 英寸触摸屏显示屏
- High-density polyethylene (HDPE) spin bowl for maximum chemical compatibility 高密度聚乙烯(HDPE)旋转碗化学相容性
- Durable benchtop design that is also available in a flange/deck mountable configuration 耐用的台式设计，也可采用法兰/甲板安装配置
- Advanced PLC fully automatic program control
高级 PLC 自动程序控制
- Motor glue protection; Easy to clear pipeline design
电机进胶保护，管路易疏通设计
- One way automatic distribution system 一路自动分配系统

BOWL DESIGN

碗形设计

- High-density polyethylene (HDPE) spin bowl 高密度聚乙烯 (HDPE) 旋转碗
- Optional aluminum foil disposable liners available
可选铝箔一次性内衬
- Polycarbonate transparent lid design beautiful and corrosion-resistant 透明的聚碳酸酯盖子，美观耐腐蚀
- Can be placed in a glove box for use in atmospheric environments 可放在手套箱内，用于气氛环境使用
- The spin bowl can be removed for easy cleaning
旋涂碗可取下，方便清洁
- Spin bowl size 212mm, convenient for operation
旋涂碗尺寸 212mm，方便操作



PROGRAMMABILITY

可编程性

- Touch screen interface and display 触摸屏界面和显示器
- Full-color alphanumeric-capable graphical user interface (GUI)具有全彩色字母数字功能的图形用户界面 (GUI)
- 100 of user-defined recipe programs, with 10 steps for each program 100 组用户定义配程序，每个程序 10 步。
- 0.1-second resolution for step times (3000 seconds maximum step time)步长为 0.1 秒的分辨率 (3000 秒最大步进)
- Spin speed: 12,000 rpm 转速: 12000 rpm
- Spin speed acceleration: 旋转速度加速度:
100 to 30,000 rpm/s unloaded 100 至 30000 转/秒无负载
- Simultaneous, automated, dispense capability 同时、自动化、点胶分配功能

PRECISION



精密度

- Spin speed repeatability: 1 rpm 转速可重复性: 1 rpm
- Spin speed resolution: 1 rpm 转速分辨率: 1 rpm
- Substrate sizes: < 1 cm to 150 mm round; Or equally sized square samples 基板尺寸: < 1 cm 至 150 mm 圆形或同等尺寸 (对角线) 方形样品



RELIABILITY

可靠性

- Anti glue setting protects the spin motor from contact with process chemicals and solvents 防进胶设置保护旋转电机不受接触使用工艺化学品和溶剂
- Vacuum interlock 真空安全检测互锁
- Industry-leading reliability and uptime 业界领先的可靠性和正常运行时间
- 1-year full warranty on parts and labor 零件和劳动力的 1 年全面保修
- Free remote technical support (phone, email, fax) for the life of the product 终身免费远程技术支持 (电话、电子邮件、传真)
- Application process assistance for life of the product 产品使用寿命的应用程序帮助

UTILITIES

产品外设

- Voltage ranges: 100-125, 208-240 VAC, 50/60 Hz 电压范围: 100-125、208-240 VAC、50/60 Hz
- Power requirements: 255 watts 功率要求: 255 瓦
- Exhaust port: 6mm OD 真空接口: 6mm
- Vacuum: -88kPa, 50L/min 真空: -88kPa, 50L/min

DIMENSIONS

尺寸

- 10" (25.4cm) W x 12.2" (31cm) D x 9.84" (25cm) H
- Machine weight: 26.4lb (12kg)
- Shipping weight: 30.8lb (14kg)

ATTACHMENT

附件

- One HCV300 oil-free vacuum pump with a pumping speed of 50L/min; HCV300 无油真空泵 1 台, 抽气速度 50L/min;
- Three Spin Chucks (10mm, 25mm, 50mm each) are standard, and other sizes of Spin Chucks can be customized; 标配三只载物盘 (10mm, 25mm, 50mm 各一只), 其他尺寸规格载物盘可定制;



- One HDJS20 automatic dispensing system, using color LCD and touch screen control technology, suitable for precise liquid flow transmission, with a maximum accuracy of 0.5%, 0.006-1340 milliliters per minute. HDJS20 自动点胶系统 1 台, 采用彩色液晶和触屏控制技术, 适于精准液体流量传输, 最高精度可达 0.5%, 0.006-1340 毫升/分钟。



- 1 universal capacitive pen; 通用电容笔 1 只;
- 1 copy of product qualification certificate; 产品合格证 1 份;
- One Chinese operating manual; 中文操作说明书 1 份;