

# 全自动电化学发光分析仪

## Automated Electrochemiluminescence Analyzer

ProScientia 2020



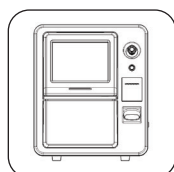
- 在水溶液中表征ECL发光体和标记物 | ECL characterization of luminophores and labels in aqueous solutions
  - 在均相溶液中 | In homogeneous solutions
  - 在磁珠表面 | On microbeads
- 研究共反应剂、添加剂以及pH等效应 | Studies on the effects of co-reactants, additives and pH etc.
- 对磁珠大小、表面化学等因素进行评价 | Evaluation of the effects of size and surface chemistry etc. of magnet microbeads
- 研究干扰物和淬灭剂的效应 | Studies on interference and quenchers
- 对磁珠表面上发生的结合反应进行动力学研究 | Kinetic studies on binding reactions occurring on the surface of microbeads
- 确定抗体或蛋白的生物素偶联程度 | Determination of the degree of biotinylation
- 蛋白定量分析 | Protein quantitation
- 定量免疫分析 | Quantitative immunoassay



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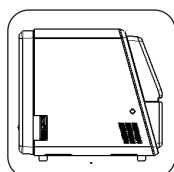
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前视图(Front view)



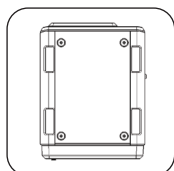
右视图(Right view)



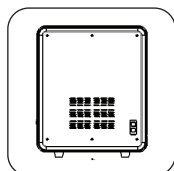
左视图(Left view)



顶视图(Top view)



底视图(Bottom view)



后视图(Rear view)



## • 技术规格 (Technical Specifications)

设备名称: 电化学发光分析仪 Instrument: Electrochemiluminescence analyzer	操作系统: LINUX Operating system: LINUX
设备型号: ProScientia 2020 Model: ProScientia 2020	触摸屏: 12.1英寸, 1024x768 Touch screen: 12.1 in., 1024x768
检测信号: 电化学发光 Detectable signal: Electrogenerated chemiluminescence	扫码枪: 可选 Barcode reader: Available at request
试剂体系: 水溶液 Reagent system: Aqueous solution	外观颜色: 白-灰, 也可根据用户需求定制 Exterior color: White-grey custom design is available
试剂最大装载数: 4 Max. No. of reagents: 4	接口: USB, ethernet Interface: USB, ethernet
样本最大装载数: 6 Max. No. of sample: 6	电源: AC110~240 V, 50/60 Hz Power supply: AC110~240 V, 50/60 Hz
反应杯最大装载数: 36 Max. No. of reaction cup: 36	建议使用环境温度: 10~30°C Environmental temperature recommended: 10~30°C
工作电极材料: 铂 (面积可变) Working electrode materials: Pt (variable area)	外形尺寸: 505mmx660mmx600mm (长x宽x高) Dimension: 505mmx660mmx600mm (LxWxH)
对电极材料: 铂 Counter electrode materials: Pt	净重: 70Kg Net weight: 70Kg
参比电极: Ag/AgCl (饱和氯化钾) Reference electrode: Ag/AgCl (Sat. KCl)	毛重: 116Kg Gross weight: 116Kg
应用软件: 预装标准电化学时序, 也可根据用户需求定制 Applied software: Pre-installed electrochemical time sequence. Custom design is available	