



FOM nanoRC 是多功能薄膜和器件制备和研发的理想起点。FOM nanoRC使得用户能以极低的成本投入来模拟已在大规模卷对卷设备上实现的复杂涂布工艺。经多年材料研发和涂布工艺开发，FOM nanoRC为用户提供了通往高质量薄膜涂布的捷径；不论是溶液体系还是浆料体系，均可实现精确，可重复，可规模化的高精度涂布。

基础参数：

- 涂布宽度：最大可达100mm（涂布刀头尺寸可兼容包含S-L范围内的多种尺寸）
- 涂布长度：最大可达500mm
- 涂布速度范围：最大可达2.0m/min
- 基片加热：最高可达150℃
- 外置注射泵
- 集成式触摸屏控制
- 外形尺寸：530 x 230 x 330 mm (L x W x H)
- 重量：19Kg

可选功能：

- 高压泵

关键参数：

- 连续、无接触的薄膜涂布工艺
- 直接、均匀的湿膜膜厚控制
- 可便利的从实验室规模升级到量产级
- 纳米至微米级均匀干膜制备
- 高材料利用率
- 入门级价格
- 直观便捷的触摸屏操作界面
- 易装易用
- 紧凑的尺寸设计便于移动和安置

联系方式：

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可根据用户需求定制



The FOM nanoRC is the ideal entry point to begin scalable coating of functional thin films and devices. The FOM nanoRC has been designed to mimic the complex coating processes achieved on large scale roll-to-roll machines, while requiring a fraction of the cost and physical footprint. By leveraging years of experience in materials research and slot-die coating, the FOM nanoRC provides users with a simple route to precise, repeatable and scalable thin film production from any solution or slurry based precursor.

BASE SPECIFICATIONS

- Coating width: up to 100 mm (slot-die compatibility: S – L)
- Coating length: up to 500 mm
- Coating speed range: up to 2.0 m min⁻¹
- Substrate heating: up to 150 °C
- External syringe pump
- Integrated touch panel control
- Dimensions: 530 x 230 x 330 mm (L x W x H)
- Weight: 19 kg

OPTIONS

- High pressure pump

KEY FEATURES

- Continuous, non-contact thin film coating process
- Direct, uniform wet film thickness control
- Simple scaling from lab to production
- Dry film thicknesses from nanometers to microns
- High material efficiency cf. blade & spin coating
- Entry-level price point
- Intuitive touch panel interface
- Plug n' play installation
- Compact size for easy moving and placement

CONTACT DETAILS

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Custom constructions available upon request.