

YASHEN HIGH THROUGHPUT High Shear Rate Mixing Reactor System

亚申高通量高剪切力混合反应器系统 HTMX-52A

高速高效，应用广泛的高通量混合合成系统

High speed, high efficiency and high throughput mixing, extraction & synthesis system in wide-spread use

创新的、用于多种液体快速有效混合和反应的自动化高速混合器系统。尤其适用于小剂量、高粘性或不同粘度流体的高效混合和反应，如离子液体、聚合物、浆料、悬浮液等。

HTMX-52A is a fully integrated and automated system for rapid and reliable mixing, extraction and reaction of various fluids with disparate viscosities such as ionic liquids, polymers, slurries, and suspensions in a high-throughput process.

- ▶ 模块化设计，可根据特定应用进行便捷的配置和定制


Modular design allows easy configuration and customization for particular applications.

- ▶ 在最少人工干预的情况下按照预先设定进行数百个反应

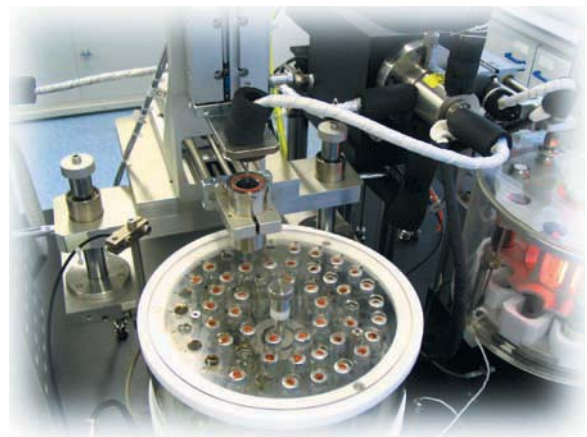
Automation enables hundreds of preprogrammed reactions to be conducted with minimal human intervention.

- ▶ 集成界面友好的软件包，轻松且完全可控的进行从实验、过程设计、实验运行、样品跟踪到数据获取实验全过程。

Integrated user-friendly software to plan, design, and control experiments, and track processes, samples and data.

 HTMX-52A系统已成功运用于多种化学过程的高通量研发，如离子液体合成、高分子嫁接以及纳米材料合成等。

HTMX-52A has been deployed successfully in high throughput research and development in variety of chemical processes such as ionic liquid synthesis, polymer grafting and nano material synthesis.



自动样品收集圆盘

Automated sample collection

实验间自动清洗以消除交叉污染

Automated cleaning between individual experiments to eliminate cross-contamination

实验设计和系统控制软件

Experiment design and system control software

