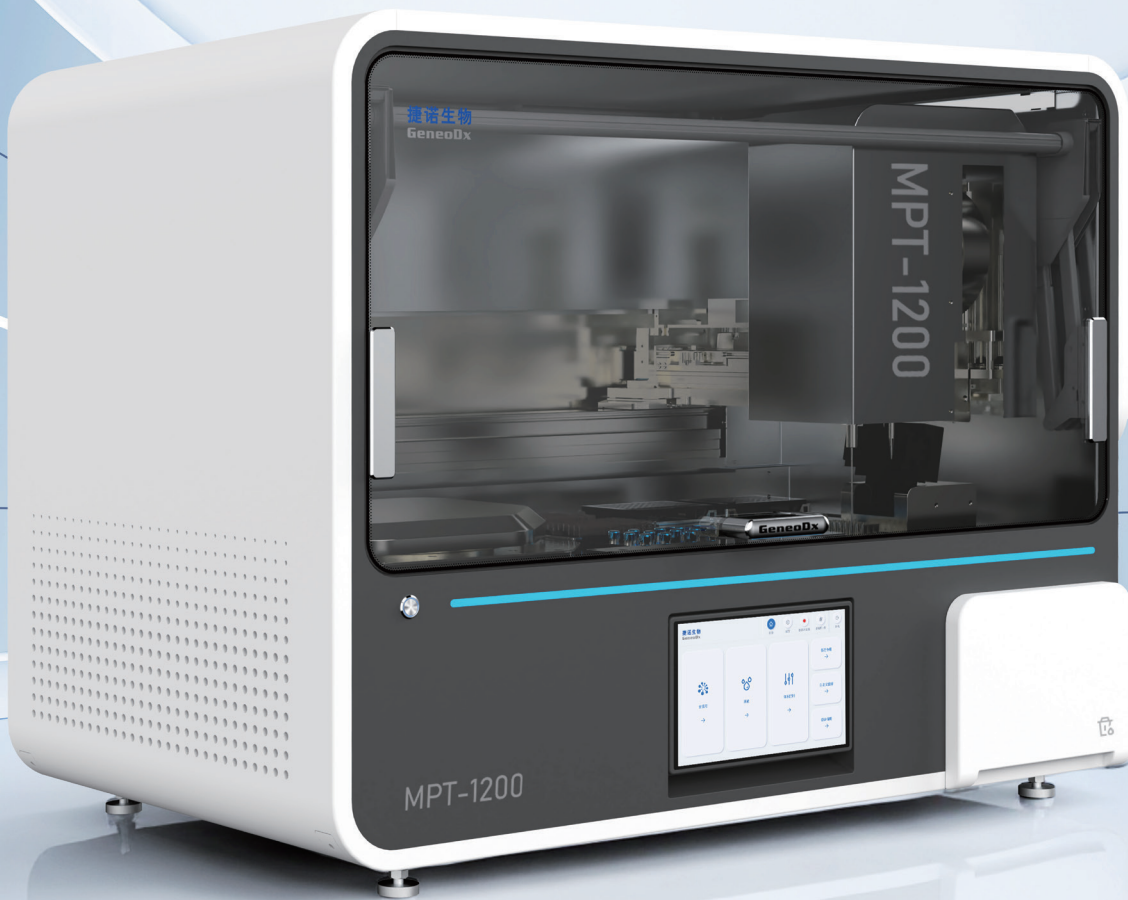


# Full-automatic Sample Processing Workstation

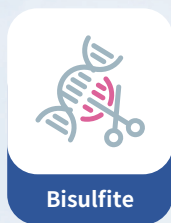
## 全自动样品前处理系统



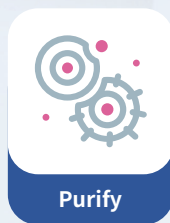
Sample



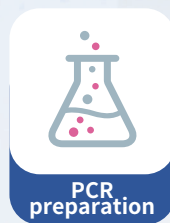
Cell lysis



Bisulfite



Purify



PCR  
preparation



Amplification



Result  
interpretation

MPT-1200 is a fully automatic sample processing workstation independently developed by GeneoDx. It can achieve functions such as cell lysis, transformation, purification, and PCR reaction system preparation. It can fully automatically complete the pretreatment of samples, liberating laboratory personnel from the cumbersome manual sample processing procedures. Meanwhile, standardized and automated operation steps can avoid human errors and obtain comparable and highly reproducible experimental results. When used in conjunction with analytical instruments, it can achieve efficient and accurate detection of target substances.

## Product Features

### 产品特点

- It can be compatible with various reagents including methylation pre-treatment, cerebrospinal fluid column nucleic acid extraction and other column purification reagents, thus liberating human labor.
- The high-precision liquid dispensing function ensures safe liquid handling.
- High-speed centrifugation, safety door cover design.
- Touch screen selection, simple operation interface.
- Precise temperature, complete transformation.
- Light strip design, with the operating status clearly visible at a glance.



## Functional Advantages

### 功能优势

- Intelligent identification to prevent errors and omissions
- High-speed centrifugation, precise positioning
- Liquid suction servo control, high-precision pipetting
- Multiple temperature zones to ensure effectiveness

## Sample Type

### 样本类型

- Cervical exfoliated cell
- Cerebrospinal fluid sample

## Service and Support

### 服务与支持

- Quick response
- On-site, remote diagnosis and support capabilities
- Supply guarantee of spare parts

## Technical Parameters

### 技术参数

Model	MPT-1200
Flux	2-12 Samples /Run
Power requirement	200-240VAC, 1000VA, 50/60HZ.
Transfer module	Take 100 $\mu$ L of ultrapure water. The relative deviation should be within $\pm 3\%$ , and the repeatability should be no more than 3%
Constant temperature shaking module	Temperature control range:RT+5°C-110°C
Centrifugation module	The maximum rotational speed is13000rpm,12 rotor positions,the noise $\leq 65$ dB