

## Negative Pressure Formation Equipment

for Prismatic Battery



Negative pressure formation chamber adopts a six-sided protection design. It is equipped with dual fire protection (water & gas).

### System Features

- **Modular Design**  
Tray unit and subcomponents are well designed for high-speed test and large-scale production, convenient for installation, replacement and maintenance.
- **Dust Proof**  
No direct contact between metals in a mechanical unit parts to effectively prevent dust during collision.
- **Dual Cylinder**  
Adopts 2-cylinder mode to make the movement process more stable and improve the contact performance.
- **Tray Positioning Mechanism**  
Tray will be positioned two times. 1<sup>st</sup> position for mechanical unit, 2<sup>nd</sup> accurate position by diagonal locating pin.
- **Multiple Safety Protection Device**  
Dual monitoring method: smoke sensor + temperature control can effectively ensure test safety.  
Each layer is isolated with stainless steel plate and fire-proof rock wool.

