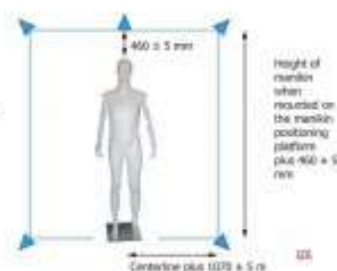




## Tester Equipment Method for Liquid Penetration Resistance of Protective Clothing or Protective Suits Under Shower Spray While On Mannequin / Protective Clothing Shower Spray Test System



### Model LY-PK381

Chemical protective clothing liquid tightness tester/protective clothing shower spray test system is used in personal protective PPE, fire emergency/chemical industry and other industries. It is mainly used to test the protective performance of liquid tight protection against jet flow, providing scientific and reliable basis for quality control in the development/production process of chemical protective clothing and the detection of liquid tight performance in the use of chemical protective clothing.

#### Structure features:

The test system is applicable to multiple calibrations. The test system is mainly composed of liquid supply system/spray system/manikin system/control system;

- Liquid supply system: liquid supply tank/water supply pump/return water pump/human-machine operation interface and electrical control system, etc. The tester controls the whole process through human-machine interface operation
- Spray system: it can spray liquid or spray, mainly composed of nozzle/spray baffle/nozzle regulating mechanism/pressure gauge/flow control, etc;
- Model turntable: model turntable includes rotary mechanism of turntable, forward and backward movement of turntable, positioning control of turntable, etc

#### Main specifications

|                              |                                                                                                |
|------------------------------|------------------------------------------------------------------------------------------------|
| Time range                   | 0.99-99 s or 0.99M99S or 0.99H99M                                                              |
| Minimum resolution           | 0.01s                                                                                          |
| Nozzle installation distance | is adjustable, applicable to national standard(American standard)ISO standard, typically 450mm |
| Spray distance               | adjustable, typically 1500mm or 550mm (center to center of model)                              |
| Injection flow               | 0-5L/min (adjustable)                                                                          |
| Nozzle                       | nozzle diameter: 4mm, length: 4mm, nozzle pipe inner diameter: 12.5mm or other                 |
| Power supply                 | 220V 50Hz                                                                                      |
| Dimensions                   | 2000 * 2000 * 2940 measuring room                                                              |
| Positioning                  | built-in laser positioning system                                                              |
| Nozzle deployment mode       | multiple, 3 sprays or other quantities                                                         |

#### Note:

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

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