

## Face Mask Particulate Filtration Efficiency Testing Equipment



The picture is for reference only

### Product description:

Automatic Filter (Mask) Tester (Medical) is used to test the filter efficiency and differential pressure of fold mask, medical face mask and cup mask.

For filter efficiency test, this machine can do single-machine for dual-aerosol (both oily and salty particles). Customers can choose double generator or single generator according to their own needs. Additional clean air source system is required if you choose the double-generator.

### Standards:

YY0469-2011 5.6.2 Particulate Protection Standard

### Application:

Product use: masks, disposable masks, non-woven masks, medical protective masks

### Technical Specification :

I Air source system:

Exhaust volume: 10 ± 100L / M

Solid aerosol particle size:  $0.075 \pm 0.02\mu\text{m}$

Concentration:  $\leq 200\text{mg} / \text{m}^3$

I Product model: SUP\_GLXT

I Basic principle: Use an aerosol generator to generate a certain concentration of gas, and then use a photometer to measure the gas concentration to detect the particle size before and after breathing

I NaCl concentration:  $200\text{mg} / \text{m}^3$

I Flow accuracy:  $10\text{-}100\text{L} / \text{min}$ , accuracy 2%

I Test medium: NaCl

I Pressure:  $500\text{pa}$

I Number of samples: 1 way

I Structure composition: particle generator, flow detection device, concentration detection device.





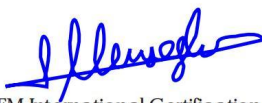
## MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2006/42/EC Machinery Directive Annex VIII has been taken as references for these processes.

Company Name : **JINAN HENSGRAND INSTRUMENT CO., LTD.**  
Company Address : NO.4915, WEST JINGSHI ROAD, JINAN, CHINA  
Related Directives and Annex : **2006/42/EC Machinery Directive/Annex VIII**  
Related Standards : **EN ISO 12100:2010, EN 60204-1:2018**  
Product Name : **TESTING MACHINE**  
Report No and Date : TCF-JHIC230128-MD  
Product Brand/Model/Type : WDS-1, WDS-2, WDS-3, WDS-5, WDS-10, WDS-20, WDS-30, WDS-50, WDS-100, WDS-200, WDS-300, WDS-500, WDW-1, WDW-2, WDW-3, WDW-5, WDW-10, WDW-20, WDW-30, WDW-50, WDW-100, WDW-200, WDW-300, WDW-500, WDW-600, WDW-1000, WE-300, WE-600, WE-1000, WE-2000, WEW-300, WEW-600, WEW-1000, WEW-2000, WAW-300, WAW-600, WAW-1000, WAW-2000, WAW-3000, WAW-5000, WAW-6000, LAW-1000, JB-300B, JBS-300, JBW-300, JB-500B, JBS-500, JBW-500, JBW-750, CST-50, VU-2Y, VU-1S, DWC-40, DWC-60, DWC-80, DWC-100, DWC-196, YES-2000, YES-300, YAW-1000, YAW-300, YAW-2000, YAW-3000, YAW-5000, NDS-200, NDS-500, NDS-1000, NDS-2000, NDW-200, NDW-500, NDW-1000, NDW-2000, NDW-3000, NDW-5000, NDW-10000, HEZ-3, HEZ-6, HEZ-10, JWJ-10, TLS, TLW, HST-P50, HST-P100, HST-P200, HST-P300, RDJ, NDT, DWTT, GBW-60, GW-50, HST, XNR-400

Certificate Number : **M.2023.206.C81366**  
Initial Assessment Date : 31.01.2023  
Registration Date : 01.02.2023  
Reissue Date/No : -  
Expiry Date : **31.01.2028**

  
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