Self-test function

Self-test function , Once turn on,it performance self-test, which can prevent false-positive results and improve the traceability of deviation.
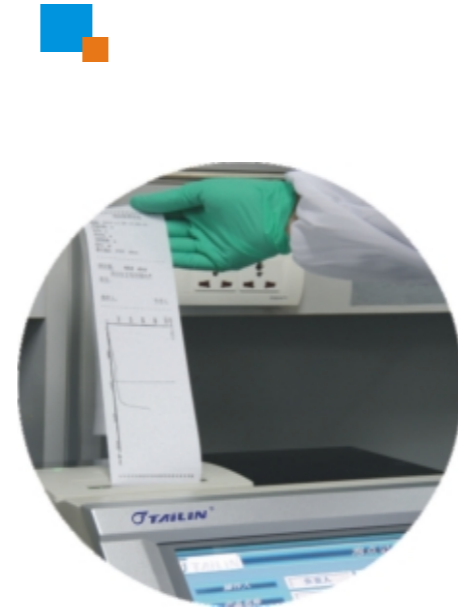
Simple appearance

Simple appearance make it easy to clean , fully considered in the condition of Class B online use, entirely suitable for surface disinfection .

Small volume, light weight , low energy consumption, easy to carry.
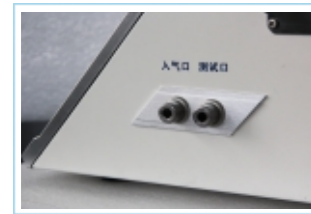
Stylus printer

Built-in stylus printer can quickly print out the test results and the curve of record data and real-time data , printed results can be stored for long time.

Imported quick connector

Imported quick connector, well known brand --Belgian Stäubli quick connector , security, stability and will never leak .

Automation control

External solenoid valve , automation control to prevent the gas back, ensure pollution-free for the products and the instrument .

Recipe mode

Built - in recipe mode to avoid repeating input parameters when each detection , and it can improve users' work efficiency .

泰林大厦实景图

TAILIN ®

⊙ HTY-FT221
INTEGRITY TEST INSTRUMENT

HTY-FT221

↗ HANG ZHOU TAILIN BIOENGINEERING EQUIPMENTS CO.,LTD

Anatailin®

HTY-FT221 INTEGRITY TEST INSTRUMENT

HTY-FT221 Integrity Test Instrument is independently developed by Hangzhou Tailin with a wealth of experience and professional knowledge .It is a computerized , intelligent , and high sensitivity precision analytical instrument. Currently, ,it is the highest -quality instrument in domestic area ,which is specifically designed to detect the integrity of the membrane and cartridge.

Function is introduced

HTY-FT221 has variety of standard functions , including forward flow test ,bubble point test, water intrusion test , combined forward flow and bubble point test, display the time and date, Automatic self test , automatic control the sustain time and testing time , storage and print the results of the current test etc; display the record data by graph to show the changes of the gas flow by time changes.

HTY- FT221 follows the GMP guidelines ,and totally in compliance with GAMP (good automated manufacturing practices). Electronic records is in accordance with 21CFR11, and calibration is accordance with 21CFR820.72。 HTY-FT221 is supported by an extensive qualification documentation, including guides for Installation and Operational qualification （IQ/OQ）.

High performance CPU

High performance CPU can accurately calculate the curve inflectionpoint quickly to prevent the misjudgment by calculation error.

Touch screen

10.4 inches (264mm) color touch screen ， simple, intuitive and reliable operation.

Storage capabilities

Great storage capabilities , data can be queried by each testing point, and can be output by U disk.
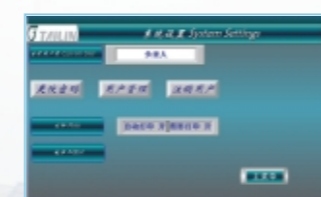
User rights management system

user rights management system to prevent misuse , password level is divided into theoperator --- supervisor --- administrator

Quick detection

Quick detection , immediately stop the detect once the bubble point is qualified and then print the qualified results,which can save time and extend the life of the filter.

Splash and Dust proof technology

Splash and Dust proof technology specifically designed for the cleanroom environment, IP54 Splash-proof rating.

Software updates

specially designed software input interface for software updates.

Validation support

Well validation support to provide you with a comprehensivevalidation service .
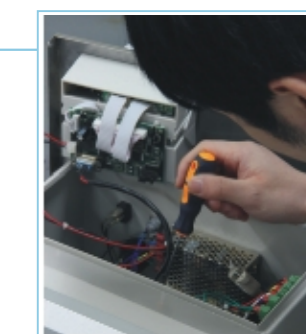
Detection range

Detection range is wide,it can detect the filters in different nominal accuracy from 1 micron to 0.02 micron.

Rapid repair

Reasonable struction make it easy for maintenance ; internal modular design, specifically design a detection window to make it easy for rapid repair.

Parameters

Physical dimensions	
Weight：9.5KG	300X190X400 (W*H*L)
filter tests	
test range	precision
Bubble point test：700-6000mbar	Bubble point test：1mbar
Forward flow test：0.1-200ml/min	Forward flow test：±3% of value or ±5‰FS
Water intrusion test：0.05-50ml/min	Water intrusion test：±3% of value or ±5‰FS
Electrical data	
Power supply ：220VAC	60HZ Input frequency
70W Power	Fuse : 3A fuse
Display screen	
Size: diagonal 10.4 inch	800X480 65535 Resolution
Environmental conditions	
Operating Temperature 0℃~45℃	5%~90% Operating Humidity
-10℃~60℃ Storage temperature	IP54 Splash-proof rating
17～27℃ Stable operating temperature	−10～60℃ Storage temperature
≤95%RH Humidity	
The built-in printer	
F192G Built-in printer ,type F192G	Stylus printer
Pneumatic parameter	
9999mbar Maximum gas supply pressure	Test pressure range ：700-8000mbar
The minimum gas pressure supplied should higher than the test pressure	