

Certitest 20 Plus Integrity Tester



Cobetter Certitest 20 Plus integrity tester adding a variety of product testing scenarios to meet more testing demands of users. The core hardware is fully upgraded to provide guarantee to your testing and use. At the same time, the memory capacity is expanded to 16 G, making your operation and data management more smoother, and more compatible with more languages as well as authority management. In addition to the comprehensive upgrade on the hardware and testing functions, the upgraded automation function can cover more scenarios, bringing you a more intelligent integrity testing experience.

Superior performance

The RAM and core hardware of Certitest 20 Plus have been fully upgraded to ensure the stability of data and test accuracy. With the advance Windows 10 system, the interface is simple and the operation is smooth, bringing you a comfortable and stable experience.

Data integrity

Certitest 20 Plus has a complete audit trail function, and the data can be signed with electronic signature, which complies with GMP and FDA 21 CFR part11 regulations.

The device supports users to create their own permission groups and users (system administrator, administrator, supervisor, technician, QA, operator, etc. up to 20 levels), which can achieve more detailed access permission to ensure data integrity.

More advanced automated network functions

In addition to basic testing functions, Certitest 20 Plus integrates advanced automated network functions, which can realize automatic archiving of all data and databases; and synchronize users, settings and multi-device management through the network framework, saving time; the device also supports Modbus TCP and OPC-UA protocols, and compatible with other automation network control protocols , such as PLC (programmable logic controller), SCADA system (supervisory control and data acquisition system), HMI (human-machine interface), etc.

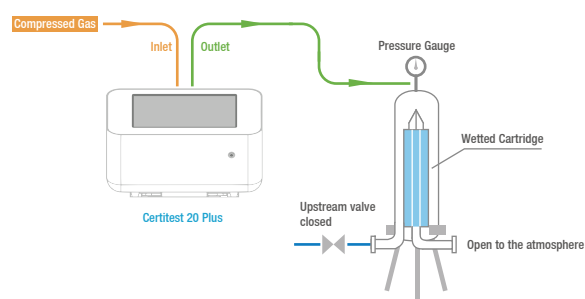
Technical Parameters

Dimensions	length x width x height: 495 × 330 × 265 mm
Weight	13 kg
Operating system	Windows 10
Hard disk drive	128 G
RAM	16 G
Screen	Type: Capacitance touch screen Size: 10.1 inch Screen resolution: 1280×800
Printer	Thermal / Needle dot matrix
Power requirements	100-240 V/AC
Over-voltage protection	Yes
Operating environment	0-40°C ; 10-80% RH
Max inlet pressure	3000-8000 mbar
Test methods	Bubble Point(BP)
	Combined diffusion and bubble point(DF+BP)
	Diffusion(DF)
	Water flow test (WFT)
	Pressure decay (PD)
Measuring Ranges	BP : 100-7000 mbar
	DF : 0.1-1000 mL/min
	WFT : 0.005-100 mL/min
	PD : 1-7000 mbar
	BP : ± 50 mbar;
Measuring Accuracy	DF : ±4% or 2 mL/min, whichever is greater
	WFT : ±5% or 0.02 mL/min, whichever is greater
	PD : ± 5% or 3.5 mbar, whichever is greater
	DF : 0.01 mL/min
Resolution	WFT : 0.001 mL/min
	BP : 1 mbar
	PD : 1 mbar
Pressure Unit	Mbar / MPa / KPa / psi
Applicable Products	Membrane / Filter / Cassette / Hollow fiber
Export Data	Export tool: U disk
	Export file format: PDF
Data capacity	Test data result storage: > 20 000 tests
	Test program storage: > 1000 programs
	Active user storage: > 1000 users
Audit trail	Compliance to 21 CFR Part 11 and GAMP standard
Communication ports	1× ethernet port (RJ45)
	1× USB (standard)

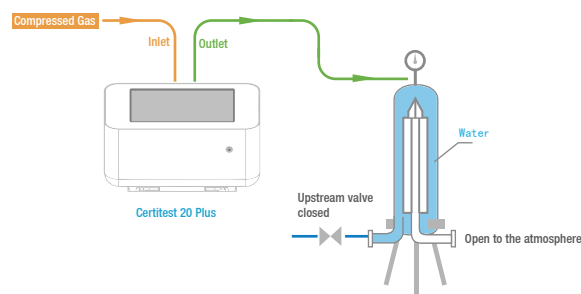
Components

Certitest 20 Plus integrity tester	Options:
	CT20PA0 (Thermal printer) CT20PA1 (Needle dot matrix printer)
Inlet gas tube	Ø6 x 4 mm x 2 m with quick coupling (female/open end)
Outlet gas tube	Ø6 x 4 mm x 2 m with quick couplings (female/female end)
Quick clamp	TC 50 mm to quick coupling (male end)
External valve	External valve with quick couplings (male/female end)
Scanner	/
Touchscreen pen	/
Case for transportation	PP trolley case

A. Bubble Point, Diffusion Test



B. Water Flow Test



Please contact us for more information.

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* Specifications subject to change without notice.

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