

QC-317F Hydrostatic Head Tester

Standard

AATCC127, JIS- L1092, ISO811

Two testing methods: A — hydrostatic pressure method, B — Certain pressure method.

Description

The main function of this tester is used to determine the water resistance ability of high-waterproof clothing or material by conducting the hydrostatic pressure test. It is an Open-Plan. The size of specimen is unrestricted. It is equipped with a 7 inch-touch screen. The value is displayed in high precision. At the same time, it also has the curve diagram of pressure and display of the temperature. It is very easy for operation to obtain precise pressurization rates and pressure values.

Because of the design of special power- saving and pressurize control, the pressure speed is stable. It is not be affected by either soft or hard test specimen. With the automatic decompression system, it can reduce the water- sputtering when the test specimen is cracked.

This tester is equipped with waterproof buttons and has enormous space views and observation and fitted with luminance. With the use of low-consumable gadgets, the tester itself reduces the necessity for maintenance.

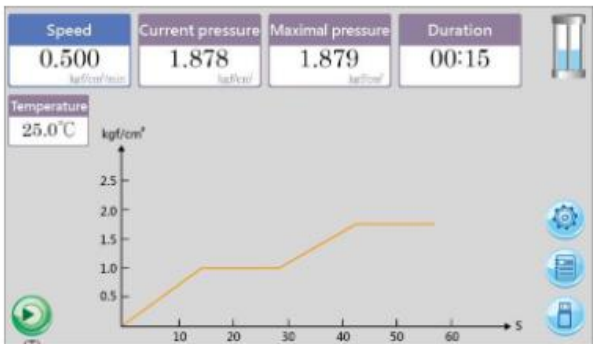
Application industry

Textile

Appearance



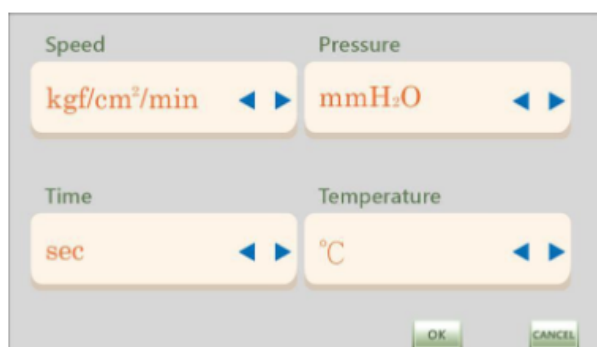
Software



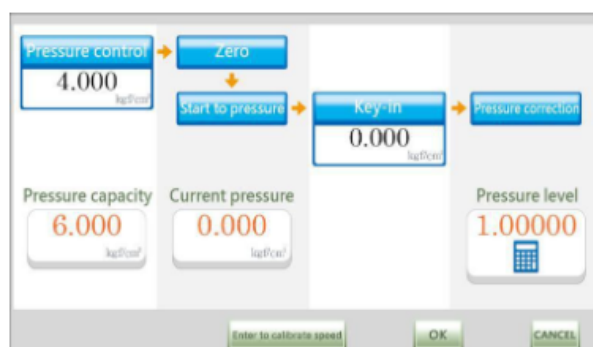
Testing Page



Pressurizing Setting



Unit Switch-Over



Calibration Mode

- ✧ Clear testing page, easy operation and pressurization is illustrated with the curve diagram.
- ✧ Three-tiered rates of pressure changes, pressure levels and duration of the pressurization.
- ✧ Multiple selections of the metric and imperial systems.
- ✧ A full calibration system to ensure the precision of the pressure sensor and pressuring speed.

Specification

1. Test range: 0.05 ~ 4.5kgf/cm² (500 ~ 45000mmH₂O).
2. Pressurization rate : 0.05 ~ 4.5kgf/cm²/min (No setting stage but can be set on demand, but it can be set depend on demand).
3. Pressurization display : bar 、Mpa 、kpa 、kgf/cm² 、mbar 、psi 、mmH₂O 、cmH₂O (8 types can be used depend on the demand).
4. Gripping ring: Ø11.28 cm (100cm²). (can be customized on demand).
5. Pressure sustaining: can be customized for the rate of pressure and duration of pressurization. Manually set for three-tiered pressurization.
6. Data storage: Maximum for up to 50 data storage and can be transmitted by USB.
7. Force supply: Pressure control can facilitate the precision of pressuring speed.
8. Sample gripping: Air compressor can be adjusted by thickness of test specimens.
9. Gripping force: Can reach 1500kgs.
10. Language: Chinese, English, Japanese.

- 11. 7 inch-touch screen: Easy operation. The curve diagram ensures the testing condition.
- 12. Power supply: voltage range from AC110V to AC220V.
- 13. Precision pressure indicator: 0.001 bar.
- 14. Pressure: Maximum for 50 minutes.

Related Products

QC-305 Spray Tester

QC-317A Water Penetration Tester

QC-317M (N) Portable Type Water Penetration Tester

*Cometech reserves ultimate modification right of product specification.



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