PT-500 Medical mask synthetic blood penetration tester

Product introduction

The synthetic blood penetration tester for medical mask can output the test report and save the test data. Meet the test standard YY0469-2011 medical mask 5.5.

Working principle

Fix the sample on the sample clamp of the instrument, and spray 2ml of synthetic blood with surface tension of 0.042 ± 0002n / m at a distance of 30.5cm from the center of the sample to the target area of the tested sample horizontally from the needle tube with an inner diameter of 0.84mm at a pressure of 16kpa. Remove it for visual inspection within 10s.

Product features

1. The instrument uses a gas source that can provide (16 ± 1) kPa air pressure to pressurize the sample continuously, which is not limited by the space of the test site.
2. The instrument has a pressure gauge to display the pressurization pressure, and the pressure can be adjusted.
3. Use pressurized medium: compressed air.
4. The special stainless steel penetration test tank ensures that the sample is firmly clamped and prevents the synthetic blood from splashing around.
5. Square metal block net: open space ≥ 50%; bending ≤ 5mm under 20KPa.
6. Digital display timer, accuracy ± 1s.
7. The product complies with the three-level authority of GMP users.
8. Single and group statistical analysis of test results can be carried out.
9. With ISP online control and upgrade function, the test function can be changed remotely as required.
10. Optional oil aerosol generator.
11. The special computer communication software can carry out the real-time display of the test, the analysis and processing of the data, and the data storage.

Technical parameter

Blood: 2ml test.
Control mode: manual control.
Pressure: 20KPa, accuracy 0.1kpa
Host power supply: 220VAC 50Hz
Net weight of main engine: 30 kg