



Mask Synthetic Blood Penetration Tester GT-RA01



Application:

Mask Synthetic Blood Penetration Tester determine the resistance of medical protective masks to the penetration of synthetic blood under different test pressures. This Mask Testing Equipment can also be used to determine the blood penetration resistance of other coating materials.

Standards:

GB 19083 section 5.5, YY/T 0691, YY 0469 section 5.5
ISO 22609, BS EN 14683
ASTM F2100, ASTM F1862

Instrument characteristics

1. The convex sample fixing device can simulate the actual state of use of a mask, leave a test target area without damaging the sample, and distribute the synthetic blood in the target area of the sample.
2. The special constant pressure spray device can spray a certain volume of synthetic blood in a controlled time.
3. GESTER Medical Face Mask Synthetic Blood Penetration Tester can fully simulate the human body's average blood pressure of 10.6kPa, 16kPa, and 21.3kPa spray speeds for testing.
4. Synthetic blood penetration resistance tester equipped with a target plate, which can block the high-pressure edge portion of the sprayed liquid flow, and only let the steady-state flow portion be sprayed on the sample, which increases the accuracy and repeatability of the liquid velocity sprayed on the sample.

Key Specification

Model	GT-RA01
Spraying distance	300mm~305mm (can be adjustable)
Nozzle diameter	0.84mm
Spraying speed	450cm/s, 550cm/s, 635cm/s
Weight	35kg
Power	AC220V 50Hz