



## **Non-power Air-purifying Particle Respiratory Protective Tester GT-RA05**



### **Application:**

Non-power Air-purifying Particle Respiratory Protective Tester for determining the carbon dioxide (CO<sub>2</sub>) volume of respiratory protective mask.

### **Standards:**

EN 149, EN 13274-6, GB/T 2626, JIS/T 8151 Particulate respirators

## Particle Respiratory Protective Tester Features

1. Controlled by computer. It can automatic record, and automatic calculate the changes of the carbon dioxide concentration during the entire test process. The operation is simple and easy to use.
2. There is no need to adjust the breathing frequency and breathing volume during the test. People can adjust the parameters on computer for getting this purpose. The adjustment is very convenient and accurate.
3. The one-way valve that controlled the breathing channel is automatically controlled by the ventilator using a solenoid valve group. It is completely synchronized with the ventilator. The test results will be more accurate.
4. All data can be saved automatically. and test report is also getting automatically. People can check the data and printed reports at any time by the computer.

## Key Specification

Model	GT-RA05
Frequency of Breathing Simulator	10~40times/min
Range of Tidal Volume	0.5~3.0L/min
Volume Fraction of CO <sub>2</sub>	5.0±0.1%
Range of Flowmeter	≥40L/min
Range of Analysis meter	≥12%, Accuracy≥0.1 %
Air Speed of Fan	0.5m/s
Frequency of Breathing	20times/min
Tidal Volume	1.5L
Power Supply	AC220V 50Hz