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Masks Respiratory Resistance Tester

Product No: WKS-1200

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Description

WKS-1200 Masks Respiratory Resistance Tester applies to determining the inhalation resistance and exhalation resistance of respirators and mask protective products under specified conditions, and used for the relevant testing and inspection of ordinary mask products by the national labor protection equipment inspection agency or manufacturer.

Standard:
GB2626-2006、GB/T32610-2016

Specifications:

Project	Specification
Flowmeter	0 L/min ~ 100L/min
Accuracy of flowmeter range	±2%
Micromanometer range	-1000Pa ~ 1000Pa
Accuracy of micromanometer	1Pa
Air pumping volume	No less than 100L/min
Ventilation	Constant (85±1) L/min
Dimension	380*620*825mm (Head model specifications: 30、25、20)
Power supply	AC220V , 50Hz

Features

- The instrument consists of an air source with adjustable flow, a standard human head model, Inhalation and exhalation two-pipeline system, and a respiratory resistance measurement system.
- The flow sensor is with high sensitivity and very small starting flow.
- The flow sensor chip uses a thermal mass flowmeter, which does not require temperature and pressure compensation, ensuring high-precision measurement of the sensor.
- Multiple sensors are integrated on a single flow sensor chip, which greatly improves the range ratio of the sensor.
- The zero point stability of the flow sensor is high, it has the characteristics of high stability and high accuracy over the full range, excellent repeatability, low power consumption, low pressure loss and fast response speed.
- The data logger uses a graphic dot matrix LCD with a resolution of 128× 64 which is Chinese and English switching interface and easy to operate.