



Masks Clogging Tester GT-RA13



Application:

The sample is surrounded by a known concentration of dolomite dust in air. Following the exposure, the breathing resistance and the filter penetration of the sample particle filtering half mask are measured.

Standards:

EN 149 section 8.10

Key Specification

Model	GT-RA13
Dust	DRB 4/5 dolomite
Dust Distributor	Particle size range: 0.1 μ m~10 μ m Mass Flow Range: 40mg/h---400mg/h
Breathing Machine	Displacement:2.0L/stroke Frequency: 10times/min
Exhaled Air Temperature	(37 \pm 2) $^{\circ}$ C
Exhaled Air Humidity	95% R.H minimum
Continuous Flow Through the dust chamber	60 m ³ / h, linear velocity: 4cm/s
Concentration of the Dust	(400 \pm 100)mg / m ³
Test Chamber	Inner Dimension: 650 mm \times 650 mm \times 700 mm
	Airflow: 60 m ³ / h, linear velocity: 4cm/s
	Air Temperature: (23 \pm 2) $^{\circ}$ C
	Air Humidity: (45 \pm 15)%
Respiratory Resistance Measurement Range	0~2000Pa, accuracy: 0.1Pa
Power Supply	220V, 50Hz, 1KW
External Dimension	800mm \times 600mm \times 1650mm

Accessories:

Automatic dolomite dust generator	1pc
Automatic powder feeding center system(Continuous feeding device)	1set
TSI laser dust particle counter	1pc
Sinusoidal wave simulates ventilator	1set

Saturated steam generator

1set