

# Introduction to compressed air detector (relief valve)



model :PR-10



model :PR-100

The pressure relief valves PR-10 and PR-100 are used for detecting compressed air quality in clean rooms. During sampling, the pressure remains stable, ensuring that unstable pressure does not affect the sample volume.

Compressed air is depressurized into atmospheric pressure gas by these valves, allowing it to be combined with a particle counter and a airborne bacteria sampler for sampling purposes.

Simple structure design, intuitive control, small volume, light weight, easy to carry and move.

The pressure relief valve shell is designed with stainless steel, which is firm, reliable and stable. It does not need to be calibrated in daily use and can be directly connected with the dust particle counter.

## merit

- Provide complete operation manual to facilitate compliance with pharmaceutical/electronic specifications
- Light weight and ergonomic design suitable for one person to operate

Reduce the pressure of compressed air, with exhaust filtration and no pollution

In addition to cooperating with the dust particle counter to detect particles in compressed air, it can also be equipped with a uniform flow hood to assist the airborne bacteria sampler to detect airborne bacteria in compressed air

## function

- Input pressure: 0.4~0.8MPa
- low noise

## apply

- Used for compressed air assisted airborne bacteria detection
- Used for compressed air assisted dust particle detection

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model	PR-10	PR-100
Compatible with gas	Air、N <sub>2</sub> 、CO <sub>2</sub> 、O <sub>2</sub> 、Ar (argon)Other inert gases	
Appropriate instruments	Su Xin 28.3L particle counter	Su Xin 100L particle counter and airborne bacterial sampler SX-JCQ-6
Air intake size	Outer diameter: 8mm	Outer diameter: 8mm
Exhaust port size	Outer diameter: 8mm	Outer diameter: 12mm
Outline dimension	262(L) x 181(W) x 96(H) mm (excluding handle and interface)	
Going	Working temperature: 5°C-30°C; relative humidity <80%, no condensation	
	Storage temperature: 0°C-40°C; relative humidity <80%, no condensation	
Material quality	Shell: 316 stainless steel; O-ring: nitrile rubber	
Weight	2.1kg	

