

# ZR-1610 On-line Particle Counter Calibrator



*ZR-1610 On-line Particle Counter Calibrator is used for detecting and calibrating the on-site online airborne particle counter.*

*The constant spray produces standard particles with stable concentration, which is provided to the on-site online airborne particle counter;*

*The standard airborne particle counter is used for comparison and calibration with the on-site online airborne particle counter in series.*

## 01 Standard

- ✔ JJF 1190-2008 Calibration specification for Airborne particle counter

## 02 Features

### Excellent human-computer interaction and more durable

- ✔ 7-inch color screen, wide working temperature , clear Visual in sunshine.
- ✔ With AC power supply, continuous calibration can be realized.

### Ensure more accurate monitoring data

- ✔ Built-in air source generator, provide power source with stable flow.
- ✔ Setting Flow from 2L/min to 5L/min.
- ✔ Three spray are equipped to support the generation of particles with various standard particle sizes.
- ✔ Online collection of 6-channel particle data is more accurate than calibration.
- ✔ Built-in heating and drying device.

## 03 Parameter

Parameter	Range	Accuracy
Flow	(2-5)L/min	$\leq \pm 1\%FS$
Heating temperature	(60~100) °C	
Control accuracy	0.5°C	
Paricle size	(0.3、 0.5、 1.0、 2.5、 5.0、 10.0) $\mu m$	
Working condition	(60~130) kPa, (-20~50) °C, $\leq 85\%RH$	
Power Supply	AC100-250V, 50/60Hz	
Noise	<68dB (A)	
Size	(L 220×W310×H600) mm	
Weight	About 10kg	
Consumption	< 300W	