

ZR-6011 Calibrator of Aerosol photometer

ZR-6011 Calibrator of Aerosol photometer is a precision photometer. It is used to for calibration and quantity traceability of aerosol photometer.



Why aerosol photometer calibration ?

Aerosol Photometer is an important measuring device that requires high accuracy. Therefore, calibration of this device is extremely necessary. As it will help ensure stability and accuracy for related operations. Besides, the calibration also helps to detect equipment failures (if any) early for timely correction and repair.

01 Standard

- ✓ **JJF 1800-2020** Calibration specification of Aerosol Photometer

02 Features

- ✓ Long-life laser source, high precision photomultiplier tube detection.
- ✓ supporting a variety of aerosol.
- ✓ Audit Tracing & assign permissions to users.
- ✓ Support segmented calibration.
- ✓ Large-capacity data storage, real-time storage of sampling data.
- ✓ Data can be exported via USB or printed by printer.
- ✓ Fault detection and automatic protection.
- ✓ The photometer is small and convenient to carry.
- ✓ With the self-developed aerosol mixing box, the calibration and calibration experiments of the precision aerosol photometer can be carried out.



03 Parameter

Parameter	Range	Accuracy
Sampling flowrate	28.3L/min	±5%
Dynamic Range	(0.0001~700)μg/L	
Repeatability of mass concentration	Low concentration (0.01~1 ug/L)	≤3%
	High concentration (10~700 ug/L)	≤2%
Aerosol support	PAO-4, NaCL, Paraffin oil etc	
Power supply	AC100-250V, 50/60Hz	
Size	(L328×W252×H180)mm	
Weight	About 6.3kg	
Noise	70dB(A)	
Power consumption	<25W	



✓

ZR-6011 Calibrator of Aerosol photometer always cooperate with **ZR-1320** Aerosol fog mixing device.