

ZR-1523 Dust generator and mixer



Using wet generation technology, A2 dust (particulate matter standard substance) is diluted and dried after being emitted from the generator to form a particulate aerosol with stable concentration.

Purpose:

Used for calibration of PM2.5 detectors, Dust testers, etc.

Strength:

Accurate flowrate control

Continuous and stable occurrence of specific concentration particulate matter aerosols

01 Features

Excellent human-computer interaction and more durable

- ✓ Wet generation. Ensure continuous and stable concentration of aerosols.
- ✓ Built in high precision flow meters, ensure stable flow within 1% FS.
- ✓ The generation and dilution of air flow can be set (range: 0~50 LPM). Adjusting the peristaltic pump speed can generate different concentration aerosols (0~25) mg/m³.
- ✓ Built in magnetic stirring system to prevent particle solution from settling, ensure its uniform.
- ✓ Built in heating-drying system to remove moisture from aerosols.
- ✓ Inlet is equipped with a water separation filter to remove impurities from the gas source.
- ✓ Three calibration interfaces, and with good concentration consistency of each interface.

Friendly use and durable

- ✓ AC power supply to continuous work.
- ✓ 7-inch color screen, touch screen.
- ✓ Waterproof, anti-static, anti-collision, more sturdy and durable.

02 Technical Parameter

Parameter	Range
Generating gas flow	0-50 LPM
Dilution gas flow	0-50 LPM
Flowrate accuracy	±1%FS
Heating temperature	60°C-100°C
Temperature control accuracy	±0.5°C
Aerosol concentration	0-25 mg/m ³
Environment Pressure	60-130 kPa
Working temperature	-20~50 °C
Noise	<68dB (A)
Size	L230×W370×H700 mm
Weight	About 10kg
Consumption	< 350W



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