KQET
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KQ-W210

Ultrapure Cleanroom Fogger

The KQ-W210 is applicable to airflow pattern photography and video recording in clean workshops and local clean environments.

According to ISO14644-3 and the new GMP requirements for clean workshop acceptance, airflow direction evaluation is required. The KQ-W210 ultrapure cleanroom fogger can generate high-concentration water vapor (particle size range: 1-10μm, concentration over 80%) with high visibility and absolute no pollution.

After the water vapor is emitted in the cleanroom, there is no measurable residual substance. The KQ-W210 is widely used in semiconductor and pharmaceutical clean workshops.

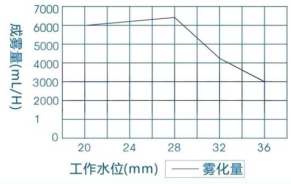
Product Features

- Optimal water level range, supporting continuous smoke generation for more than 20 minutes.
- Can be connected to a discharge tube to generate curtain-shaped aerosol (extendable up to 2 meters).
- Low noise, ≤50dB.
- Ultra-pure spray without pollution.
- Used for testing in Grade A/B/C clean workshops.

Application Range

- Cleanroom laminar flow testing.
- Airflow balance testing.
- Exhaust system testing of chemical processing equipment.
- Verification of personnel safety exhaust systems.
- Duct leak testing.
- Pressure balance inside and outside the room.

Technical Specifications

Model	The KQ-W210
Power Supply	AC 220V 50Hz
Water Filling Capacity	2500ml (maximum 3000ml)
Dimensions (mm)	Width 202 * Depth 302 * Height 283
Weight	9Kg
Rated Power	210W
Aerosol Output	≥5500ml/h
Atomized Particle Size	1-10μm
Optimal Atomization Water Level	28mm
Aerosol Plume Height	120~150mm
Optimal Water Filling Volume	1200ml
Applicable Water Conductivity	0.15~1.00 ms/cm
Input Voltage of Smoke Generation Component	DC 45V
Relationship Between Aerosol Output and Working Water Level	

Inject Soul Into The Cleanroom

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