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Sulfur Dioxide Test Chamber

Product No: SQ-010

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Description

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This Sulfur Dioxide Test Chamber Machine is designed according to GB/T2423.19-1981, GB/T2423.33-2005, GB/T5135.3-2003, ISO6988 (replaced DIN50018: 1988-06), DIN50900, DIN53210 and EC, MIL, ASTM etc to do sulfur dioxide gas corrosion test.

Model	Work Room Size (mm)	Exterior Size (mm)	Voltage	Power (KW)
SQ-150	450X600X400	800x1070x1050	AC220	2.5
SQ-250	600x900x500	870x1400x1150	AC220	3
SQ-750	750x1100x500	1030x1680x1260	AC220	4
SQ-010	850x1300x600	1160x2000x1390	AC380	6
SQ-016	850x1600x600	1280x2320x1500	AC380	7.5
SQ-020	900x2000x600	1220x2530x1410	AC380	9

Specifications:

- Temperature range: RT+5 ~ 55°C (Can be customized according to test demand)
- Temperature fluctuation: ±0.5°C
- Temperature uniformity: ±2°C
- Relative humidity: 75 ~ 98%RH
- Sulfur dioxide concentration range (Please mark this on the PO): 0 ~ 5000ppm (0 ~ 1000pphm adjustable)
- Quantitative control (Please mark this on the PO): 0 ~ 10L/hour (Adjustable)
- Environmental Requirements:
 - 1)Power Source: AC380V 50/60Hz
 - 2)The distance between cabinet and surface of wall should be more than 600mm
 - 3)The left of machine should be close to wall, and the outside of test room should be outdoor to emissions of sulfur dioxide gas
 - 4)This machine should put a room separate, and this room should be easy to ventilation with outdoor
- Machine structure and characteristics of the material:
 - 1)Box with glass fiber reinforced epoxy molding touch, abestos jacket stickers, endure high temperature and corrosion resistance, light weight, high strength, smooth and easy to clean wall cabinets
 - 2)Cover with epoxy fiberglass roof made of 100 ~ 120 °C, in order to avoid condensation inside directly onto the specimen. Open the lid attached pneumatic devices
 - 3)Heater: Nickel-chromium alloy heating wire is heated from the bottom, forming a jacket heating to keep the temperature uniformity good
 - 4)Humidification method: Humidifying steam generator
 - 5)Sulfur dioxide input method: Cylinders input (Manual)
 - 6)Exhaust gas processing (forced discharge function): Install sulfur dioxide gas process device, multi-stage process by sodium bicarbonate, to pass emissions (purification devices external)

