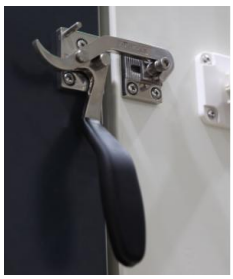
Purification Adsorption Chamber

Control using PLC+ touch screen human-machine interface intelligent control (one-button operation mode) scheme management, human-machine exchange interface friendly, operation position ergonomic design is reasonable, the temperature/humidity and various parameters in the process of operation for real-time monitoring and data storage. The historical data and historical curve of each parameter in the test process can be checked in real time, or downloaded and saved to the computer through mobile storage device for data analysis and archiving. The thermal system design is reasonable, the balance heat source adopts the compression heat of the refrigeration system to carry on the heat exchange, reduces the electric heat balance heat exchange load, the performance is stable, the operation is economical and energy saving. The refrigerating unit adopts imported fully enclosed compressor, air cooling mode, low operating noise, high reliability, simple installation and debugging work at customer site.



Technical Specification

Model	XD-1JHXF-A1
Studio size	Inner box size 1±0.02m³ W800mm×H1250mm×D1000mm
Dimensions	W935mm ×H1780mm ×D1720mm
Temperature control range	20℃～40℃
Humidity control range	35%～70%RH（at +20～+40℃）
Temperature fluctuation	≤±0.5℃
Temperature uniformity	≤1.5℃
Temperature deviation	≤±1.0℃
Humidity fluctuation	≤±3%RH
Humidity deviation	≤±5%RH
Stirring fan	Multi-blade axial fan with adjustable speed > 5r/s
Ultraviolet light source	Group 1, calculation of irradiance at the center of each template The average value is not less than 50 ~ 60w/cm.
Visible light source	The arithmetic average of the illuminance of a group of LED light sources at the center of each template is not less than 1000～1200Lx.
Mass concentration of background formaldehyde and toluene	＜0.02mg/m³
Noise	Test cabin ≤60db(A sound level)

MODERN INSTRUMENTS
No 18, Xuwang Road, QingPu District Shanghai, China
+86 2159884839
info@moderner.com