Pre-installation Checklist

Conditions for installation:

- The ambient temperature:5°C 35°C, and the relative humidity: ≤ 85%.
- The laboratory should be free of violent vibration, airflow, strong electromagnetism and corrosive gases.
- Equip the laboratory with proper work surface: 700 mm(W)×2500 mm(L)×600mm(H).
- Equip the laboratory with stable power supply of 220 V ± 22 V / 50 ± 1 Hz (grounded well). Two groups of power supply in different phases: Controlling power≥1 kW, and heating power≤4 kW. Reserve locations for one air switch and one three-core socket (20A,220V).

Preparation:

Equip the laboratory with oxygen supply (cylinder pressure:> 3 MPa, purity: > 99.995%). Do not use any electrolytic oxygen.pressure 0.25 MPa ± 10%

CKIC开元 Changsha Kaiyuan Instruments Co., Ltd. 5E-CHN2000 Elemental Analyzer 2. Power gas: Nitrogen or compressed air, without oil or water (CylinderPressure: >3 MPa).pressure 0.25 MPa ± 10% Helium:Purity > 99.99%, pressure 0.25MPa±10% Please confirm connectors of the cylinder are consistent with Chinese standard (G5/8"-RHF) (the screw thread is on the outside) to make it match with the reducing valve the instrument equipped with, if not, please prepare the reducing valve(guage for cylinder is 0-25MPa, guage for outlet is 0-1MPa)by yourself. Aelectric balance with a resolution of 0.1 mg. One kind of coal standard sample (e.g., 7j) or EDTA One desiccator.